MONTANA

HIGHWAY-RAIL GRADE CROSSING STUDY

PRIMARY & SECONDARY SYSTEMS

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MONTANA

HIGHWAY-RAIL GRADE CROSSING STUDY

PRIMARY & SECONDARY SYSTEMS

Prepared by the

MONTANA STATE HIGHWAY COMMISSION
PLANNING SURVEY SECTION

in cooperation with the

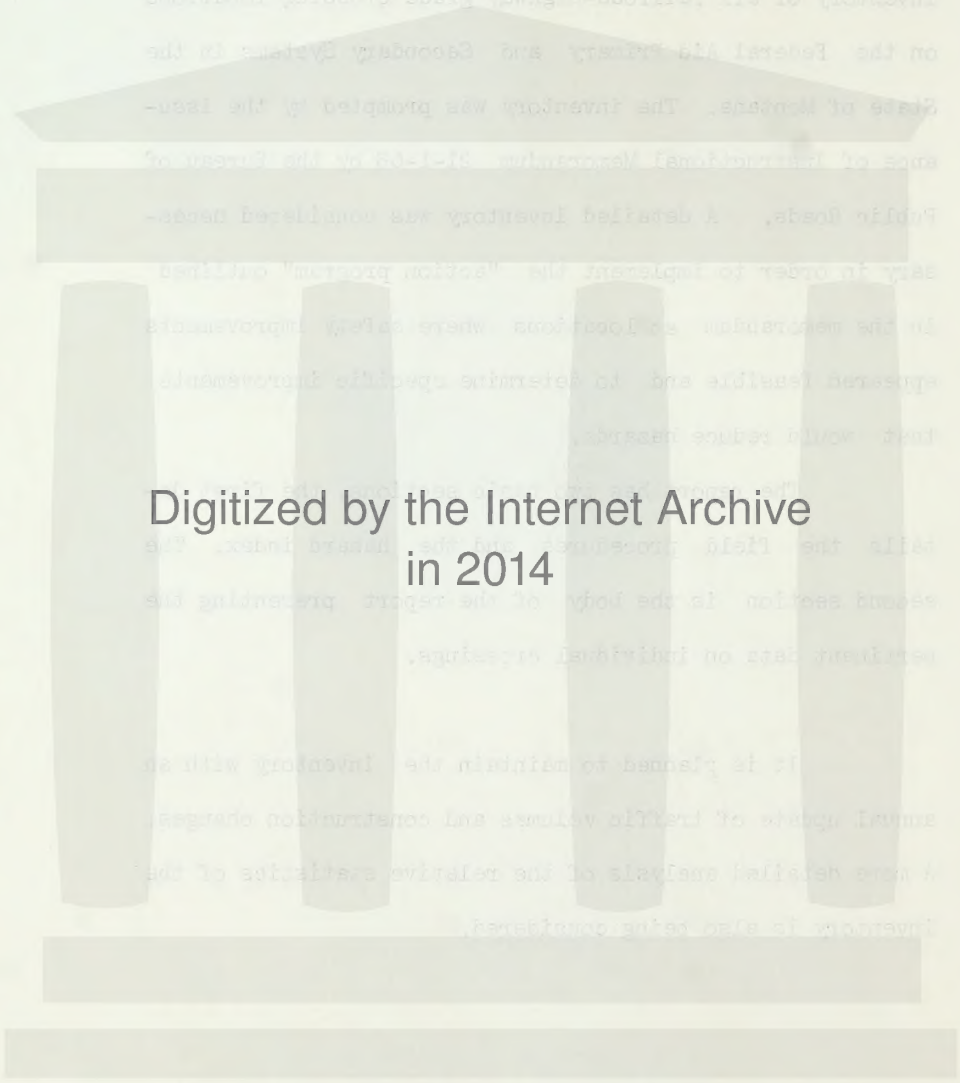
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
BUREAU OF PUBLIC ROADS

F O R W A R D

This report presents the initial results of an inventory of all railroad-highway grade crossing locations on the Federal Aid Primary and Secondary Systems in the State of Montana. The inventory was prompted by the issuance of Instructional Memorandum 21-1-68 by the Bureau of Public Roads. A detailed inventory was considered necessary in order to implement the "action program" outlined in the memorandum at locations where safety improvements appeared feasible and to determine specific improvements that would reduce hazards.

The report has two basic sections, the first details the field procedures and the hazard index. The second section is the body of the report presenting the pertinent data on individual crossings.

It is planned to maintain the inventory with an annual update of traffic volumes and construction changes. A more detailed analysis of the relative statistics of the inventory is also being considered.



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FIELD PROCEDURES

Field procedures generally followed the instructions outlined in the "Guide for a Road Inventory Manual of Instructions, April 1967." Modifications were made to the field form since the procedures of obtaining and computing sight distance and recording existing protection were changed from the usual method.

Because available sight distance in each quadrant was considered the most valuable information to be obtained by the fieldcrew a method of measuring sight distance at a known distance from the crossing was devised and adapted to machine processing. Data Processing methods were also used for listing a print out of the computed sight distance for each quadrant where the sight distance was less than 2,000 feet.

Measurement of sight distance at 300 feet in advance of the crossing on the highway was standard for all crossings, this distance compares with the 60 mph highway speed as reported in Table 22. "Minimum sight distance requirements for normal conditions," NCHRP Report 50, "Factors Influencing Safety at Highway-Rail Grade Crossings."

Type of existing protection was recorded including pavement markings. The protection types were later assigned a numerical value based on the relative hazard relationship as reported in NCHRP Report 50. This figure was used to obtain an adjusted hazard index as discussed in detail later in the report.

Photographs were taken of each quadrant separately where sight restrictions were present. Those crossings with unlimited sight distance were covered with a single photograph taken from each approach.

Due to the fact that all crossings on the primary system and most crossings on the secondary system were on constructed sections, the roadway geometrics were readily available from the road plans. This reduced the field work considerably and allowed concentration on the existing sight distance and forms of protection.

HAZARD INDEX

The hazard index is basically a numerical rating, for comparative purposes, based upon the volume of train traffic, vehicular traffic and the existing physical conditions.

The assignment of weights to the various factors involved in the computation of the hazard index has been partially based on the initial hazard index computed for crossings in the State of Montana prior to 1940. The values were reviewed and updated based on knowledge and experience gained since the original index was introduced. A major portion of the revisions were based upon the data reported in NCHRP Report 50 "Factors Influencing Safety at Highway-Rail Grade Crossings."

The maximum values of the three major portions of the formula are: train volumes 9, vehicular volumes 9, and physical features totaling 12.5. A maximum hazard index of 1012.5 is possible (9x9x12.5=1012.5) but the maximum total obtained from actual application of the factors was 283.5. A minimum hazard index of 3.5 was computed for a crossing on a low volume secondary road with no sight restrictions.

Train Volumes (T) Max. wt = 9.0

Average daily train volumes are represented by nine values ranging from 1 to 9. Hazard values assigned to the weekly and seasonal operations are rated as more hazardous than the average number of trains per day computed on a statewide basis.

Vehicular Volumes (V) Max. wt. = 9.0

Average daily traffic volumes are also represented by nine values. A strict progression was not used with the lesser volumes carrying more weight per vehicle.

Physical Conditions (F_1 - F_{11}) Max. wt = 12.5

Factors F_1 thru F_{11} are not all dependent upon physical conditions but are included as part of the third major portion of the index for convenience.

Type of Train Movements (F_1) Max. wt = 4.0

Four values cover train movements from slow-switching movements to fast passenger trains traveling over 50 mph.

Trackage (F_2) Max. wt = 0.8

Four values cover the type of tracks at the crossing ranging from single tracks to two mainline tracks with additional side tracks.

Sight Distance (F_3) Max. wt = 4.0

Each quadrant is analyzed separately for sight distance values. The total of the four quadrant values is entered as the hazard factor.

Approach Angle (F_4) Max. wt = 1.6

Based upon the intersection angle of highway and railroad tracks each quadrant is evaluated separately.

Highway Alignment (F_5) Max. wt = 0.6

The highway approach to the crossing was considered as being more hazardous where curvature was involved. Five situations were considered for this factor.

Number of Lanes (F_6) Max. wt = 0.2

Multilane approaches to grade crossings were considered to be more hazardous due to the possibility of sight distance being restricted by larger vehicles in adjoining lanes.

Approach Grades (F_7) Max. wt = 0.2

Grades over 7% were considered as a factor due to possible ice conditions.

Vertical Sight Distance (F_8) Max. wt = 0.3

There appears to be some hazard associated with the possibility of a vehicle being hidden from view on the opposite approach to the crossing. This hazard of nontrain collisions was taken into consideration by the vertical sight distance factor.

Crossing Width (F_9) Max. wt = 0.2

A narrow crossing may be more of a mental than actual hazard, however a possibility of hanging up a wheel between the rails is present.

Local Environment (F_{10}) Max. wt = 0.3

The possibility of intersecting traffic distracting a driver approaching a grade crossing is considered a hazard when it is on a street or busy commercial driveway. One hundred fifty feet was set as the limit of consideration.

Special Conditions (F_{11}) Max. wt = 0.3

Not used in the initial computations but reserved for those unusual conditions that may arise and cannot be easily catergorized with the other factors.

ADJUSTED HAZARD INDEX

The hazard index has been computed based upon train traffic, vehicular traffic and existing physical conditions. The adjusted hazard index takes into account the type of existing protection at the crossing. Values for the type of protection have been based upon the relative protection values derived from previous studies and as reported in NCHRP Report 50. Crossbuck protection has been set equal to one with the greater degrees of protection reducing the risk factor, the relative hazard is as follows:

No Protection	1.10
Crossbucks	1.00
Stop Signs	0.58
Wigwags	0.34
Flashing Lights	0.20
Gates	0.11

The maximum value for the hazard index of 1012.5 can be adjusted throughout the range of protection types from 1113.8 for no protection to 111.4 for a crossing protected by gates.

MINIMUM SIGHT DISTANCE REQUIREMENTS FOR "NORMAL" CONDITIONS

Train Speed (MPH)	Minimum Sight Distance (FT) Required for Highway Speed of														
	0 MPH	10 MPH	15 MPH	20 MPH	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH	60 MPH	65 MPH	70 MPH	75 MPH
10	36	34	32	32	32	34	35	37	39	42	46	51	57	62	62
15	53	50	48	48	48	50	52	55	58	64	69	77	86	93	93
20	71	67	64	63	64	67	70	73	78	85	92	103	114	124	124
25	89	84	80	69	81	84	87	91	97	106	116	128	143	155	155
30	106	101	95	95	97	100	105	110	117	127	139	154	171	186	186
35	124	117	111	111	113	117	122	128	136	148	162	180	200	217	216
40	142	134	127	127	129	134	140	146	156	170	185	205	228	248	248
45	160	151	143	143	145	150	157	164	175	190	208	231	257	279	279
50	177	168	159	158	161	167	174	183	194	212	231	257	285	310	309
55	195	185	175	174	178	184	192	201	214	233	254	282	314	341	341
60	213	202	190	190	194	201	209	219	233	254	277	308	342	372	371
65	231	218	207	206	210	217	227	237	253	275	300	334	371	403	402
70	249	235	223	222	226	234	244	256	272	297	324	359	400	435	433
75	266	252	239	238	242	251	262	274	292	318	347	385	428	465	464
80	284	269	255	253	258	267	279	292	311	339	369	411	456	496	495
85	302	286	271	269	274	284	297	311	330	360	383	436	485	527	526
90	319	302	286	285	290	301	314	329	350	381	416	462	513	558	557
95	337	319	302	301	306	318	332	347	369	403	439	488	542	589	588

Distance on Highway from Crossing (Ft)														
15	20	35	50	70	90	115	145	175	210	250	300	350	405	465

Table 22 from NCHR Program Report 50

The above values were used for evaluation purposes only and are not recommended as "design" values.

MONTANA HIGHWAY COMMISSION

PLANNING SURVEY SECTION

RAILROAD SIGHT DISTANCES

HIGHWAY SYSTEM : SECONDARY

FEDERAL AID ROUTE : 440

HIGHWAY MILEPOST : 000.10

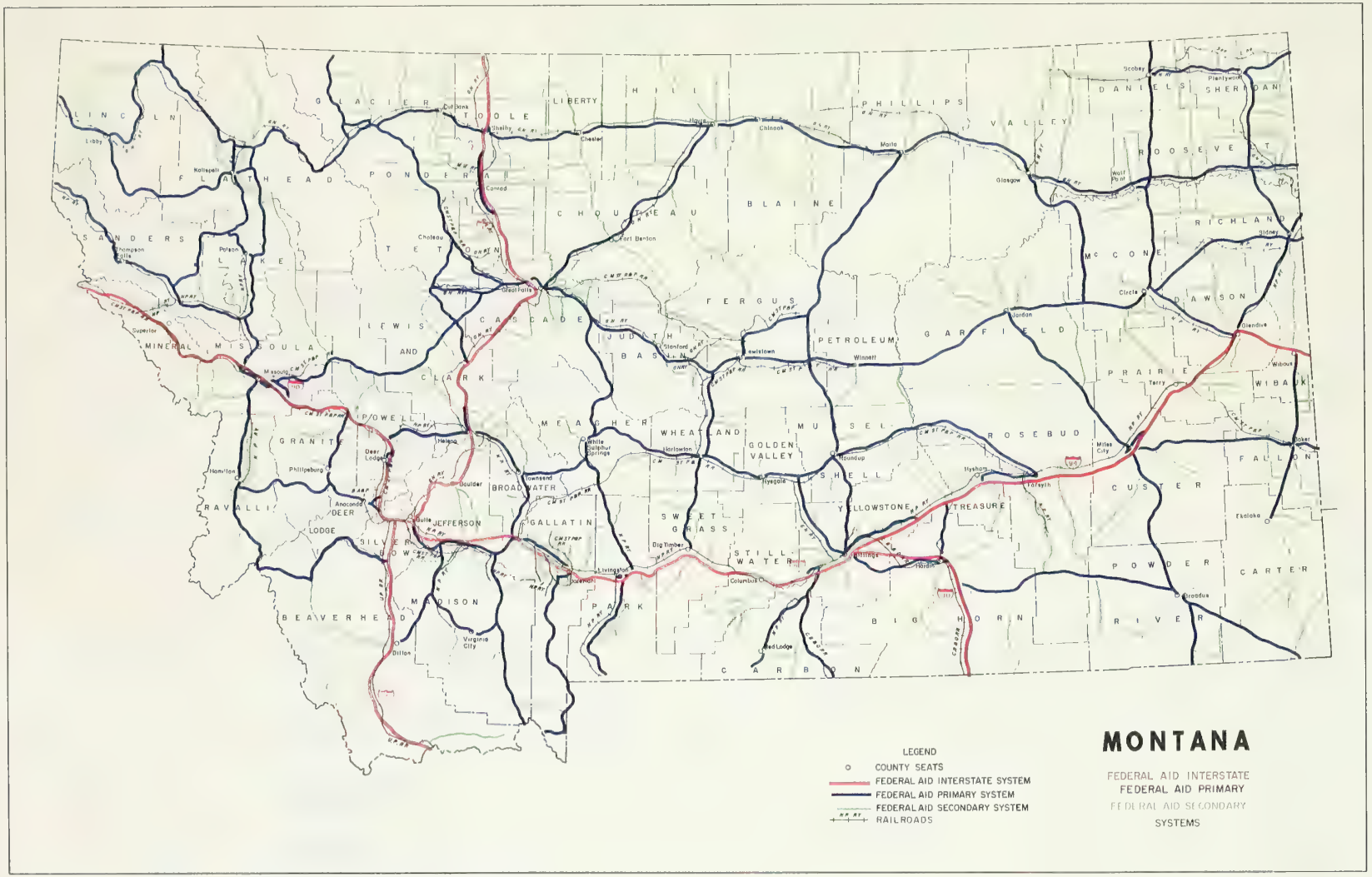
AVERAGE HIGHWAY SPEED : 45 M.P.H.

MAXIMUM TRAIN SPEED : 20 M.P.H.

QUADRANT 2		QUADRANT 1	
ANGLE AT O =	70 DEG.	ANGLE AT O =	110 DEG.
ANGLE AT P =	15 DEG.	ANGLE AT P =	10 DEG.
DISTANCE OP =	300 FT.	DISTANCE OP =	300 FT.
SIGHT DISTANCE BO =	77 FT.	SIGHT DISTANCE OD =	60 FT.
RELATIVE SUFFICIENCY =	75 %	RELATIVE SUFFICIENCY =	58 %
QUADRANT 3		QUADRANT 4	
ANGLE AT O =	110 DEG.	ANGLE AT O =	70 DEG.
ANGLE AT N =	12 DEG.	ANGLE AT N =	15 DEG.
DISTANCE ON =	300 FT.	DISTANCE ON =	300 FT.
SIGHT DISTANCE BO =	73 FT.	SIGHT DISTANCE OD =	77 FT.
RELATIVE SUFFICIENCY =	71 %	RELATIVE SUFFICIENCY =	75 %

SUFFICIENCY RATING BASED ON MIN. 60 MPH STANDARD

Example Of Out Put For Sight Distance Evaluation



MONTANA

LEGEND

- COUNTY SEATS
- FEDERAL AID INTERSTATE SYSTEM
- FEDERAL AID PRIMARY SYSTEM
- FEDERAL AID SECONDARY SYSTEM
- RAILROADS

FEDERAL AID INTERSTATE
FEDERAL AID PRIMARY
FEDERAL AID SECONDARY
SYSTEMS

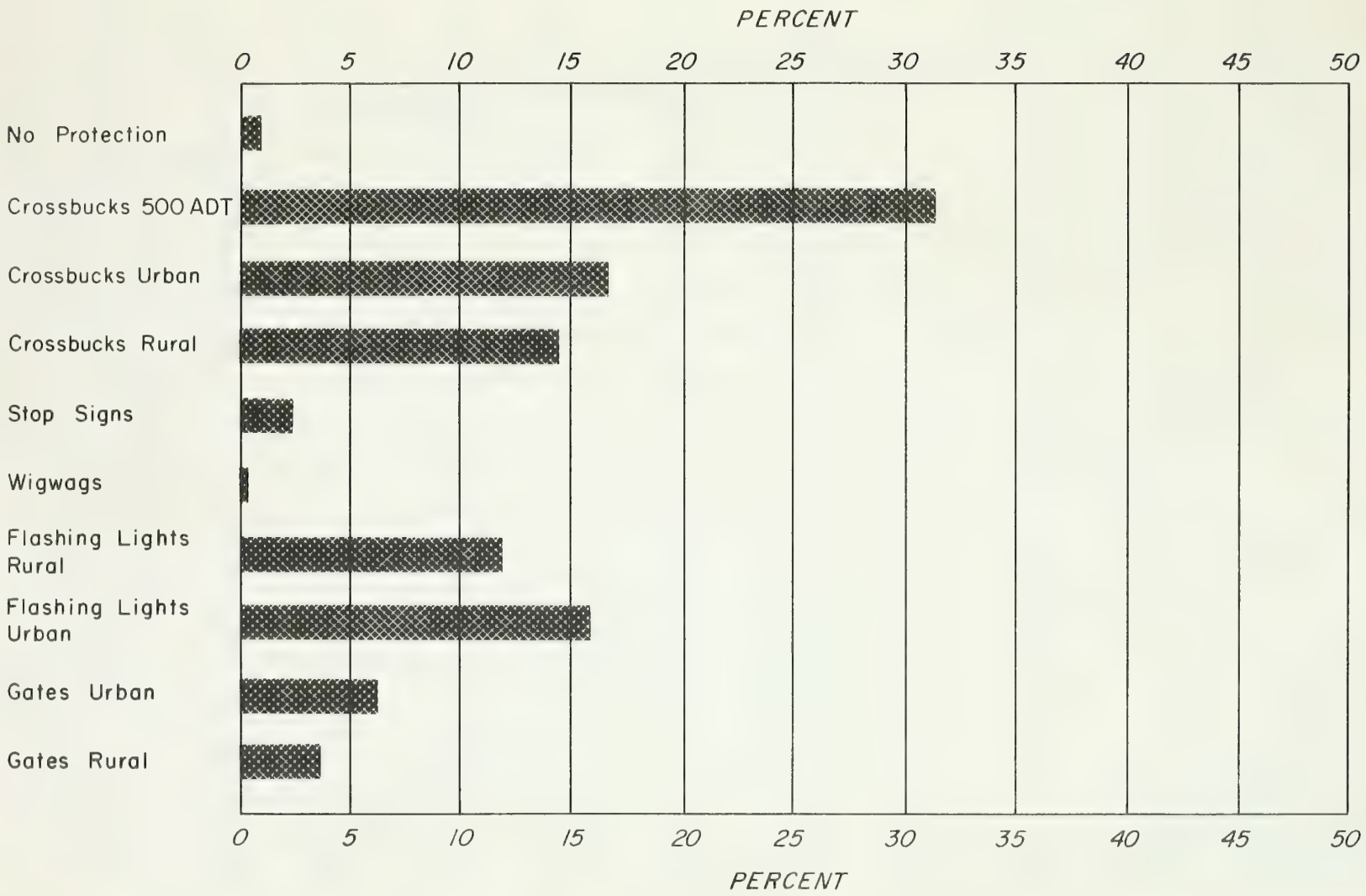

Percent Of Various Protective Devices On Primary And Secondary Routes - 1968
PERCENT
0 5 10 15 20 25 30 35 40 45 50
No Protection
Crossbucks 500 ADT
Crossbucks Urban
Crossbucks Rural
Stop Signs
Wigwags
Flashing Lights Rural
Flashing Lights Urban
Gates Urban
Gates Rural
0 5 10 15 20 25 30 35 40 45 50
PERCENT

FIG. 2

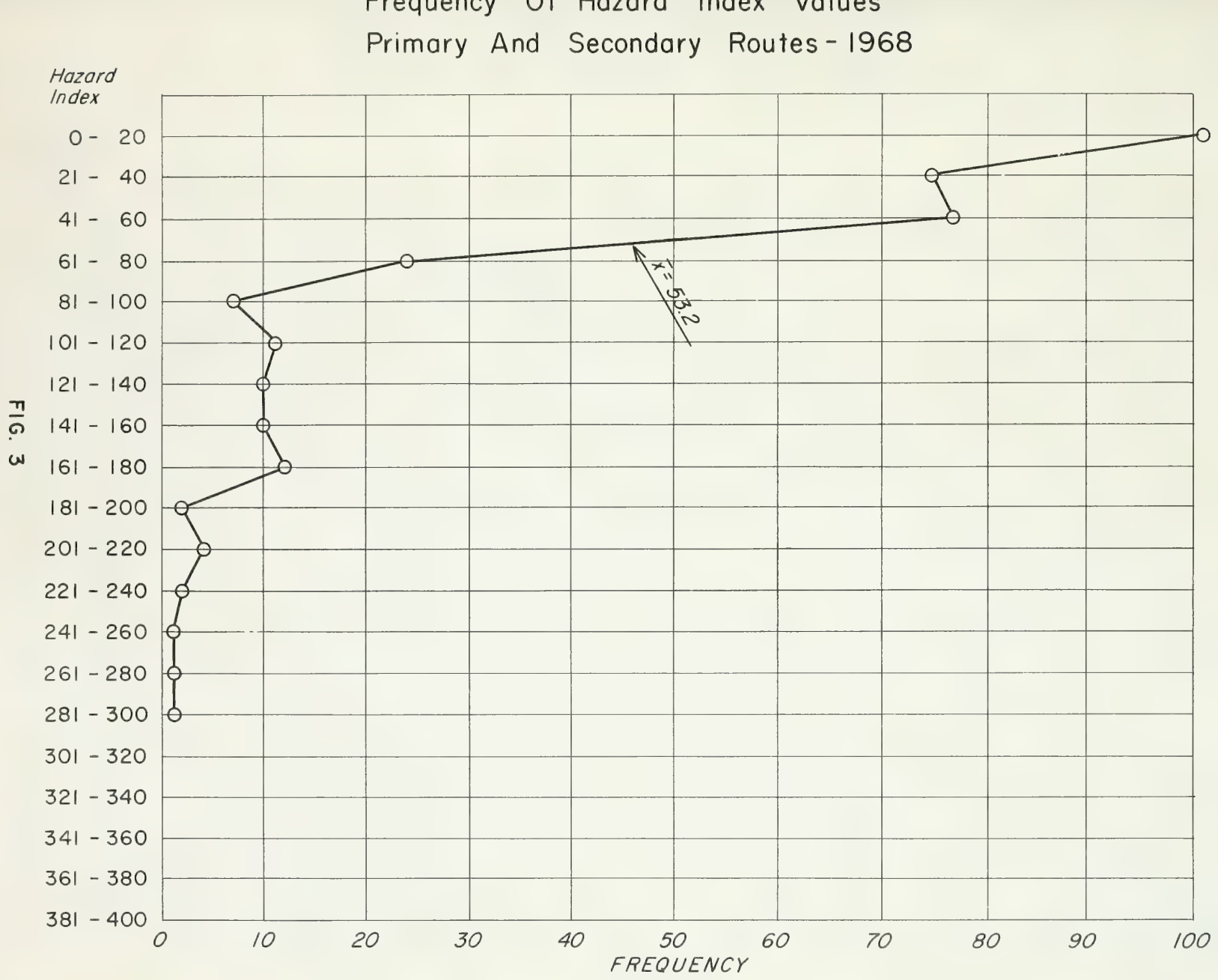

Frequency Of Hazard Index Values
Primary And Secondary Routes - 1968
Hazard Index
0 - 20
21 - 40
41 - 60
61 - 80
81 - 100
101 - 120
121 - 140
141 - 160
161 - 180
181 - 200
201 - 220
221 - 240
241 - 260
261 - 280
281 - 300
301 - 320
321 - 340
341 - 360
361 - 380
381 - 400
$\bar{x} = 53.2$
0
10
20
30
40
50
60
70
80
90
100
FREQUENCY

FIG. 3

Frequency Of Adjusted Hazard Index Values

Primary And Secondary Routes - 1968

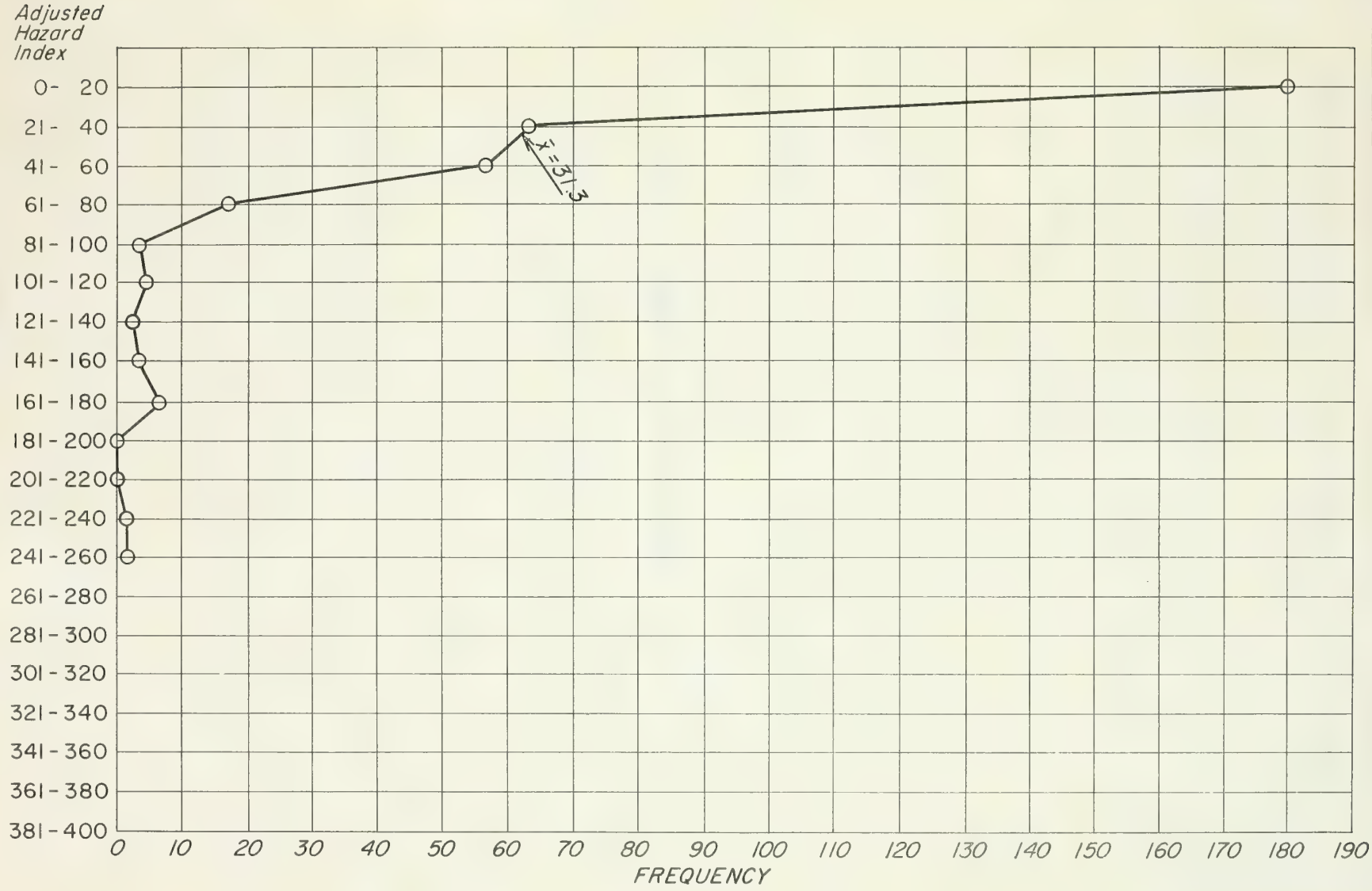


FIG. 4

LISTING BY FEDERAL AID ROUTE BY MILEPOST

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
PRIMARY									
1	279.85	MAIN ST.-SHELBY	TOOLE	1	2688	GRT NRTHN	24.0	FLSH LGHT U	4.8
1	404.35	0.5 MI E OF CHINOOK	BLAINE	2	1982	GRT NRTHN	58.8	XBUCK RURAL	58.8
1	404.50	0.6 MI E OF CHINOOK	BLAINE	2	1929	GRT NRTHN	56.7	NONE	62.4
1	404.58	0.7 MI E OF CHINOOK	BLAINE	2	1929	GRT NRTHN	56.7	XBUCK RURAL	56.7
1	497.86	1.6 MI. W OF SACO	PHILLIPS	2	1163	GRT NRTHN	18.0	XBUCK RURAL	18.0
1	540.30	1.5 MI W OF GLASGOW	VALLEY	2	2511	GRT NRTHN	79.2	FLSH LGHT R	15.8
1	657.12	2.0 MI W OF BAINVILLE	ROOSEVELT	2	735	GRT NRTHN	17.4	FLSH LGHT R	3.5
2	1.98	4.5 MI. W OF TAFT	MINERAL	2	1788	NRTHN PAC	67.2	FLSH LGHT R	13.4
2	5.50	0.9 MI. W OF TAFT	MINERAL	2	1802	NRTHN PAC	65.1	FLSH LGHT R	13.0
2	102.76	4.0 MI W OF MISSOULA	MISSOULA	2	2611	NRTHN PAC	89.6	FLSH LGHT R	17.9
2	105.10	BROADWAY-MISSOULA	MISSOULA	1	13448	NRTHN PAC	25.2	FLSH LGHT U	5.0
2	112.80	0.3 MI W OF BONNER	MISSOULA	2	790	NRTHN PAC	12.6	FLSH LGHT R	2.5
2	115.88	3.3 MI. E OF BONNER	MISSOULA	2	210	NRTHN PAC	153.0	GATES RURAL	16.8
2	172.67	4.1 MI. W OF GARRISON	POWELL	2	2571	NRTHN PAC	22.4	FLSH LGHT R	4.5
2	225.30	MONTANA ST. BUTTE	SILVER BOW	1	11836	BA & P	162.0	FLSH LGHT U	32.4
2	227.10	UTAH ST. BUTTE	SILVER BOW	1	9694	BA & P	148.5	XBUCK URBAN	148.5
2	236.05	UTAH ST. BUTTE	SILVER BOW	1	9694	GRT NRTHN	153.0	XBUCK URBAN	153.0
2	289.65	0.3 MI. E OF THREE FORKS	GALLATIN	2	213	CM ST P&P	30.0	XBUCK V<500	30.0
2	302.50	0.6 MI E OF MANHATTAN	GALLATIN	2	535	NRTHN PAC	10.2	XBUCK RURAL	10.2
2	303.70	E OF MANHATTAN	GALLATIN	2	535	NRTHN PAC	9.6	XBUCK RURAL	9.6
2	322.00	MAIN ST BOZEMAN	GALLATIN	1	8679	CM ST P&P	17.1	NONE	18.8
2	348.86	W. PARK ST. LIVINGSTON	PARK	1	1115	NRTHN PAC	36.0	XBUCK URBAN	36.0
2	348.89	W. PARK ST. LIVINGSTON	PARK	1	1115	NRTHN PAC	48.6	XBUCK URBAN	48.6
2	349.93	PARK-K ST LIVINGSTON	PARK	1	5131	NRTHN PAC	43.2	XBUCK URBAN	43.2
2	450.00	1ST. AVE & STATE BILLINGS	YELLOWSTONE	1	10966	NRTHN PAC	20.7	XBUCK URBAN	20.7
2	462.20	1ST AVE N-21ST ST BILLING	YELLOWSTONE	1	10108	NRTHN PAC	15.3	FLSH LGHT U	3.1
2	464.75	1.5 MI. E OF BILLINGS	YELLOWSTONE	1	11189	NRTHN PAC	64.8	XBUCK URBAN	64.8
2	561.55	COLSTRIP BRANCH	ROSEBUD	2	180	NRTHN PAC	10.8	FLSH LGHT R	2.2
3	283.61	6TH ST. GREAT FALLS	CASCADE	1	6714	GRT NRTHN	117.0	FLSH LGHT U	23.4
3	286.91	3.3 MI. W OF GREAT FALLS	CASCADE	2	3320	CM ST P&P	69.6	FLSH LGHT R	13.9
3	309.95	2.3 MI. W OF DRACUT	CASCADE	2	822	CM ST P&P	50.4	XBUCK RURAL	50.4
3	323.07	0.4 MI. W OF FAIRFIELD	TETON	2	701	CM ST P&P	54.0	XBUCK RURAL	54.0
3	463.80	MONTANA ST. HELENA	LEWIS AND CLA	1	3067	GRT NRTHN	124.0	FLSH LGHT U	24.8

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
3	464.03	MONTANA ST. HELENA	LEWIS AND CLA	1	3429	NRTHN PAC	51.2	GATES URBAN	5.6
4	26.80	0.7 MI. E OF BRIDGER	CARBON	2	1540	NRTHN PAC	58.8	XBUCK RURAL	58.8
4	28.90	2.8 MI. N OF BRIDGER	CARBON	2	1536	NRTHN PAC	63.0	XBUCK RURAL	63.0
4	42.65	AT ROCKVALE	CARBON	2	1693	NRTHN PAC	58.8	XBUCK RURAL	58.8
5	108.28	3.0 MI N OF SOMERS	FLATHEAD	2	4214	GRT NRTHN	83.7	XBUCK RURAL	83.7
5	112.35	MAIN ST. KALISPELL	FLATHEAD	1	8660	GRT NRTHN	121.5	XBUCK URBAN	121.5
6	51.75	0.5 MI E OF THOMP FALLS	SANDERS	2	954	NRTHN PAC	45.0	XBUCK RURAL	45.0
6	82.52	0.3 MI. E OF PARADISE	SANDERS	2	674	NRTHN PAC	33.6	FLSH LGHT R	6.7
7	31.65	0.8 MI. N OF DARBY	RAVALLI	2	1818	NRTHN PAC	45.0	XBUCK RURAL	45.0
7	47.53	N. OF HAMILTON-DEPOT	RAVALLI	1	5469	NRTHN PAC	72.9	XBUCK URBAN	72.9
7	91.35	2.0 MI. S OF MISSOULA	MISSOULA	2	4757	NRTHN PAC	46.4	XBUCK RURAL	46.4
8	77.73	AT TOWNSEND	BROADWATER	1	1348	NRTHN PAC	40.8	XBUCK URBAN	40.8
9	.02	0.3 MI. W OF WOLFCREEK	LEWIS AND CLA	2	1348	GRT NRTHN	22.2	FLSH LGHT R	4.4
9	40.57	0.3 MI. S OF GILMAN	LEWIS AND CLA	2	466	GRT NRTHN	37.5	XBUCK V<500	37.5
10	2.27	0.3 MI. N OF GREAT FALLS	CASCADE	2	10658	GRT NRTHN	32.4	FLSH LGHT R	6.5
10	3.53	CENTRAL AVE W GREAT FALLS	CASCADE	1	19700	GRT NRTHN	121.5	FLSH LGHT U	24.3
10	113.05	14 ST 9 AVE GREAT FALLS	CASCADE	1	5360	GRT NRTHN	32.4	FLSH LGHT U	6.5
10	113.05	15 ST 9 AVE GREAT FALLS	CASCADE	1	5590	GRT NRTHN	28.8	FLSH LGHT U	5.8
10	113.10	14 ST 10 AVE GREAT FALLS	CASCADE	1	5360	GRT NRTHN	45.9	XBUCK URBAN	45.9
10	113.10	15 ST 10 AVE GREAT FALLS	CASCADE	1	5390	GRT NRTHN	40.5	FLSH LGHT U	8.1
10	113.15	14 ST 11 AVE GREAT FALLS	CASCADE	1	5360	CM ST P&P	14.4	FLSH LGHT U	2.9
10	113.15	15 ST 11 AVE GREAT FALLS	CASCADE	1	5390	CM ST P&P	40.5	FLSH LGHT U	8.1
11	48.80	5.2 MI. S OF LIVINGSTON	PARK	2	1490	NRTHN PAC	55.8	FLSH LGHT R	11.2
11	49.34	4.7 MI. S OF LIVINGSTON	PARK	2	1490	NRTHN PAC	55.8	FLSH LGHT R	11.2
11	77.17	1.5 MI. N OF CLYDE PARK	PARK	2	530	NRTHN PAC	55.8	XBUCK RURAL	55.8
11	105.50	0.5 MI. N OF RINGLING	MEAGHER	2	290	WSS & YP	12.5	XBUCK V<500	12.5
11	117.72	JCT. RTES. 11-14	MEAGHER	2	805	WSS & YP	15.6	XBUCK RURAL	15.6
13	65.30	AT-NORRIS	MADISON	2	526	NRTHN PAC	50.4	XBUCK RURAL	50.4
13	65.40	AT NORRIS	MADISON	2	526	NRTHN PAC	77.4	XBUCK RURAL	77.4
13	74.80	1.0 MI. S OF HARRISON	MADISON	2	471	NRTHN PAC	39.0	XBUCK V<500	39.0
13	75.80	AT HARRISON	MADISON	1	471	NRTHN PAC	42.0	XBUCK URBAN	42.0
13	77.00	1.1 MI. N OF HARRISON	MADISON	2	464	NRTHN PAC	42.0	XBUCK V<500	42.0
14	270.78	AT FORSYTH	ROSEBUD	1	606	NRTHN PAC	218.4	FLSH LGHT U	43.7
15	81.48	9TH ST. LEWISTOWN	FERGUS	1	4906	CM ST P&P	20.8	FLSH LGHT U	4.2
15	82.19	MILLER ST.-LEWISTOWN	FERGUS	1	4767	CM ST P&P	20.8	XBUCK URBAN	20.8
15	326.70	1.1 MI. W OF GLENDIVE	DAWSON	2	7851	NRTHN PAC	27.0	FLSH LGHT U	5.4

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
16	53.80	2.6 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	40.8	XBUCK RURAL	40.8
16	53.95	2.4 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	40.8	XBUCK RURAL	40.8
16	56.08	0.5 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	14.4	XBUCK RURAL	14.4
16	198.80	AT GRASSRANGE	FERGUS	2	593	CM ST P&P	48.6	XBUCK RURAL	48.6
17	72.11	1.9 MI. W OF GLENDIVE	DAWSON	2	3681	NRTHN PAC	72.0	XBUCK RURAL	72.0
18	.40	N. 7TH. STREET-MILES CITY	CUSTER	1	3156	CM ST P&P	52.8	FLSH LGHT U	10.6
19	7.80	PARK AVE.-ANACONDA	DEER LODGE	1	4169	BA & P	140.0	GATES URBAN	15.4
19	7.80	COMMERCIAL AVE. ANACONDA	DEER LODGE	1	1960	BA & P	115.5	GATES URBAN	12.7
19	38.50	AT PHILLIPSBURG	GRANITE	2	559	NRTHN PAC	48.6	XBUCK RURAL	48.6
19	53.30	4.2 MI. S OF DRUMMOND	GRANITE	2	481	NRTHN PAC	42.0	XBUCK V<500	42.0
19	55.02	2.5 MI. S OF HALL	GRANITE	2	481	NRTHN PAC	48.0	XBUCK V<500	48.0
20	32.60	0.5 MI. N OF SAVAGE	RICHLAND	2	874	NRTHN PAC	15.0	FLSH LGHT R	3.0
20	47.90	4.0 MI. S OF SIDNEY	RICHLAND	2	1546	GRT NRTHN	18.2	XBUCK RURAL	18.2
21	47.20	1.1 MI S OF CONRAD	PONDERA	2	1960	GRT NRTHN	20.3	FLSH LGHT R	4.1
21	50.38	2.5 MI. N OF CONRAD	PONDERA	2	2257	MT. WSTRN	22.4	XBUCK RURAL	22.4
22	14.15	8.2 MI. W OF REDSTONE	DANIELS	2	356	GRT NRTHN	12.5	XBUCK V<500	12.5
22	75.30	AT FROID	ROOSEVELT	2	747	GRT NRTHN	16.2	XBUCK RURAL	16.2
24	.10	NEAR JCT. RTE 2 AND 24	MISSOULA	1	2570	CM ST P&P	13.6	XBUCK URBAN	13.6
24	.85	N. OF BONNER	MISSOULA	1	2570	CM ST P&P	14.4	FLSH LGHT U	2.9
24	26.90	5.0 MI. W OF JCT. 209	MISSOULA	2	1100	CM ST P&P	46.8	XBUCK RURAL	46.8
24	134.05	0.5 MI. E OF FORT SHAW	CASCADE	2	1351	GRT NRTHN	55.8	XBUCK RURAL	55.8
24	139.60	JCT. OF RTES. 3 AND 24	CASCADE	2	2353	GRT NRTHN	72.0	XBUCK RURAL	72.0
26	.49	2.6 MI. E OF SIDNEY	RICHLAND	2	790	NRTHN PAC	14.4	XBUCK RURAL	14.4
27	35.50	MAIN ST. BAKER	FALLON	1	2272	CM ST P&P	44.8	GATES URBAN	4.9
28	10.04	3RD ST-RED LODGE	CARBON	1	1368	NRTHN PAC	46.8	XBUCK URBAN	46.8
28	10.17	5TH ST-RED LODGE	CARBON	1	2319	NRTHN PAC	76.8	XBUCK URBAN	76.8
28	30.38	0.5 MI. W OF BOYD	CARBON	2	940	NRTHN PAC	55.8	XBUCK RURAL	55.8
28	35.73	AT JOLIET SPUR	CARBON	1	1310	NRTHN PAC	54.0	XBUCK URBAN	54.0
28	37.03	1.3 MI. E OF JOLIET	CARBON	2	1310	NRTHN PAC	55.8	XBUCK RURAL	55.8
29	23.08	S. OF ALDER	MADISON	2	523	NRTHN PAC	54.0	XBUCK RURAL	54.0
29	37.18	3.7 MI. N OF SHERIDAN	MADISON	2	684	NRTHN PAC	48.6	XBUCK RURAL	48.6
30	24.10	MAIN ST.-WESTBY	SHERIDAN	1	570	SOO LINE	50.4	XBUCK URBAN	50.4
32	2.80	0.1 MI. E OF MACON	ROOSEVELT	2	279	GRT NRTHN	115.0	FLSH LGHT R	23.0
32	51.32	AT SCOBEY	DANIELS	1	2011	GRT NRTHN	22.4	XBUCK URBAN	22.4
35	.10	AT GRANTSDALE	RAVALLI	1	866	NRTHN PAC	78.3	XBUCK URBAN	78.3
38	6.38	1.1 MI. W OF COL. FALLS	FLATHEAD	2	3333	GRT NRTHN	20.8	FLSH LGHT R	4.2

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U / R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
40	.06	0.1 MI. N OF FA RTE 10	CASCADE	1	8634	CM ST P&P	16.2	XBUCK URBAN	16.2
40	.09	3RD. ST. NW GREAT FALLS	CASCADE	1	8634	CM ST P&P	15.3	XBUCK URBAN	15.3
40	.68	0.1 MI. N OF GREAT FALLS	CASCADE	1	11230	GRT NRTHN	51.3	XBUCK URBAN	51.3
43	.35	CORCORAN ST. LEWISTOWN	FERGUS	1	2334	GRT NRTHN	72.0	XBUCK URBAN	72.0
43	1.35	1.5 MI. N OF LEWISTOWN	FERGUS	2	1731	CM ST P&P	43.4	FLSH LGHT R	8.7
43	6.10	0.3 MI. W OF BAXTER	FERGUS	2	1125	CM ST P&P	48.6	XBUCK RURAL	48.6
43	24.40	0.7 MI. E OF ARMELLS	FERGUS	2	280	CM ST P&P	37.5	XBUCK V<500	37.5
43	29.35	1.0 MI. W OF FERGUS	FERGUS	2	226	CM ST P&P	45.0	XBUCK V<500	45.0
46	77.03	AT DIVIDE	SILVER BOW	2	344	UNION PAC	46.0	FLSH LGHT R	9.2
47	5.90	ANACONDA CUTOFF	DEER LODGE	2	1077	NRTHN PAC	31.5	FLSH LGHT R	6.3
48	6.85	7.1 MI N OF HARDIN	BIG HORN	2	429	CB & Q	27.0	XBUCK V<500	27.0
48	10.32	10.7 MI N OF HARDIN	BIG HORN	2	284	CB & Q	25.5	XBUCK V<500	25.5
50	81.02	AT BOZEMAN HOTSPRINGS	GALLATIN	2	1907	CM ST P&P	22.4	XBUCK RURAL	22.4
50	81.18	AT BOZEMAN HOTSPRINGS	GALLATIN	2	1907	CM ST P&P	56.7	XBUCK RURAL	56.7
51	39.94	2.3 MI W OF ENID	RICHLAND	2	175	GRT NRTHN	10.8	XBUCK V<500	10.8
53	.01	27TH. ST. BILLINGS (SPUR)	YELLOWSTONE	1	2325	NRTHN PAC	16.8	FLSH LGHT U	3.4
53	.95	27TH. ST. BILLINGS (MAIN)	YELLOWSTONE	1	8113	NRTHN PAC	283.5	FLSH LGHT U	56.7
53	1.27	27TH. ST. BILLINGS (SPUR)	YELLOWSTONE	1	8036	NRTHN PAC	16.2	XBUCK URBAN	16.2
53	45.95	AT LAVINA	GOLDEN VALLEY	1	1031	CM ST P&P	67.2	FLSH LGHT U	13.4

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
SECONDARY									
203	6.50	AT FLORENCE	RAVALLI	2	392	NRTHN PAC	48.0	XBUCK V<500	48.0
206	2.30	2.5 MI E OF KALISPELL	FLATHEAD	2	2280	GRT NRTHN	24.8	XBUCK RURAL	24.8
208	.03	NEAR JCT FAP 5	FLATHEAD	2	1314	GRT NRTHN	17.4	XBUCK RURAL	17.4
211	.73	0.7 MI W OF RONAN	LAKE	2	706	NRTHN PAC	24.0	XBUCK RURAL	24.0
212	4.20	NE OF CHARLO	LAKE	2	320	NRTHN PAC	14.0	XBUCK RURAL	14.0
212	11.98	AT MOIESE	LAKE	2	270	NRTHN PAC	15.0	XBUCK V<500	15.0
213	.15	AT CUTBANK	GLACIER	1	3186	GRT NRTHN	264.0	GATES URBAN	29.0
214	.05	AT SUNBURST	TOOLE	1	170	GRT NRTHN	11.6	XBUCK URBAN	11.6
215	4.85	AT KEVIN, MAIN ST	TOOLE	1	419	GRT NRTHN	20.0	XBUCK URBAN	20.0
216	14.45	AT VALIER	PONDERA	2	783	MT. WSTRN	18.0	XBUCK RURAL	18.0
218	.10	AT CONRAD	PONDERA	1	907	GRT NRTHN	18.0	GATES URBAN	2.0
219	1.65	AT PENDROY	TETON	1	219	GRT NRTHN	39.0	XBUCK URBAN	39.0
221	.70	AT CHOTEAU	TETON	1	1152	CM ST P&P	52.2	XBUCK URBAN	52.2
221	.70	AT CHOTEAU	TETON	1	1152	GRT NRTHN	48.6	XBUCK URBAN	48.6
221	24.25	AT DUTTON	TETON	2	220	GRT NRTHN	13.0	FLSH LGHT R	2.6
224	.33	AT JOPLIN	LIBERTY	1	400	GRT NRTHN	30.0	GATES URBAN	3.3
227	2.00	MILE 2.0 ON ROUTE	CASCADE	2	650	GRT NRTHN	22.2	FLSH LGHT R	4.4
228	21.55	SW OF HIGHWOOD	CHOTEAU	2	200	CM ST P&P	13.6	XBUCK V<500	13.6
230	51.15	AT ARROW CREEK	JUDITH BASIN	2	134	CM ST P&P	7.5	XBUCK V<500	7.5
230	65.55	AT STANFORD	JUDITH BASIN	2	370	GRT NRTHN	17.5	XBUCK V<500	17.5
231	.35	AT RUDYARD	HILL	1	762	GRT NRTHN	186.0	GATES URBAN	20.5
235	1.95	AT BROOKS	FERGUS	2	309	CM ST P&P	37.5	XBUCK V<500	37.5
236	.03	AT HILGER	FERGUS	1	250	CM ST P&P	43.5	XBUCK V<500	43.5
237	2.00	AT MILE 2.0 ON ROUTE	FERGUS	2	108	CM ST P&P	9.3	XBUCK V<500	9.3
238	14.10	5.0 MI N W OF FORESTGROVE	FERGUS	2	70	CM ST P&P	27.0	XBUCK V<500	27.0
238	38.00	AT LEWISTOWN	FERGUS	1	1057	CM ST P&P	42.0	XBUCK URBAN	42.0
239	.20	AT HOBSON	JUDITH BASIN	1	546	GRT NRTHN	24.0	XBUCK URBAN	24.0
241	.04	AT HARLEM	BLAINE	1	859	GRT NRTHN	210.0	GATES URBAN	23.1
241	32.00	E OF TURNER	BLAINE	2	110	GRT NRTHN	7.5	XBUCK V<500	7.5
241	42.90	AT TURNER	BLAINE	1	81	GRT NRTHN	5.4	XBUCK URBAN	5.4
242	43.60	AT LORING	PHILLIPS	1	80	GRT NRTHN	5.6	XBUCK V<500	5.6
244	24.35	AT WINNET	PETROLEUM	1	539	CM ST P&P	57.6	XBUCK URBAN	57.6
246	4.60	AT PAISLEY	VALLEY	2	183	GRT NRTHN	106.0	FLSH LGHT R	21.2

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
247	.03	NEAR BEGINNING OF ROUTE	VALLEY	2	368	GRT NRTHN	42.0	GATES RURAL	4.6
247	8.00	MILE 8.0 ON ROUTE	VALLEY	2	1780	GRT NRTHN	54.6	FLSH LGHT R	10.9
247	50.60	AT OPHEIM	VALLEY	1	934	GRT NRTHN	15.0	XBUCK URBAN	15.0
248	39.68	NEAR GLENTANA	VALLEY	2	64	GRT NRTHN	5.6	XBUCK V<500	5.6
249	10.30	AT NASHUA	VALLEY	1	1935	GRT NRTHN	224.0	GATES URBAN	24.6
253	.11	AT TERRY	PRAIRIE	2	268	NRTHN PAC	112.5	FLSH LGHT R	22.5
253	.23	AT TERRY	PRAIRIE	2	268	CM ST P&P	36.0	FLSH LGHT R	7.2
253	44.70	AT BROCKWAY	MC CONE	2	346	NRTHN PAC	46.5	XBUCK V<500	46.5
254	43.50	AT RICHEY	DAWSON	1	331	GRT NRTHN	15.0	XBUCK URBAN	15.0
254	65.90	AT RICHEY ON FAS SPUR	DAWSON	1	503	GRT NRTHN	16.2	XBUCK URBAN	16.2
256	7.16	AT RAYMOND	SHERIDAN	2	248	SOO LINE	12.5	XBUCK V<500	12.5
262	3.00	3.0 MI W OF SUPERIOR	MINERAL	2	72	NRTHN PAC	28.0	XBUCK V<500	28.0
263	2.50	2.5 MI ON ROUTE	MISSOULA	2	503	CM ST P&P	48.0	FLSH LGHT R	9.6
263	10.00	10.0 MI ON ROUTE	MISSOULA	2	223	CM ST P&P	38.0	FLSH LGHT R	7.6
263	15.27	AT FRENCHTOWN	MISSOULA	1	297	NRTHN PAC	145.0	FLSH LGHT U	29.0
263	15.30	AT FRENCHTOWN	MISSOULA	1	297	NRTHN PAC	102.5	XBUCK V<500	102.5
264	.70	AT MISSOULA	MISSOULA	1	3652	NRTHN PAC	168.0	FLSH LGHT U	33.6
265	2.60	NEAR MISSOULA	MISSOULA	1	6398	NRTHN PAC	81.0	FLSH LGHT U	16.2
268	.45	AT STEVENSVILLE	RAVALLI	1	561	NRTHN PAC	48.6	FLSH LGHT U	9.7
269	.05	AT HAMILTON	RAVALLI	1	283	NRTHN PAC	105.0	FLSH LGHT U	21.0
269	5.08	AT CORVALLIS	RAVALLI	2	1560	NRTHN PAC	43.5	FLSH LGHT R	8.7
272	.03	AT AVON	POWELL	2	150	NRTHN PAC	73.5	GATES RURAL	8.1
273	13.10	AT GALEN	DEER LODGE	2	374	NRTHN PAC	24.0	FLSH LGHT R	4.8
274	1.00	MILE 1.0 ON ROUTE	DEER LODGE	2	425	BA & P	25.0	FLSH LGHT R	5.0
275	2.33	NEAR JCT US # 10	DEER LODGE	2	160	NRTHN PAC	18.0	FLSH LGHT R	3.6
276	.70	AT BUTTE	SILVER BOW	1	3176	BA & P	32.0	GATES URBAN	3.5
279	8.12	AT SILVER CITY	LEWIS AND CLA	2	233	GRT NRTHN	13.0	FLSH LGHT R	2.6
287	4.50	MILE 5.0 ON ROUTE	GALLATIN	2	357	NRTHN PAC	48.0	FLSH LGHT R	9.6
288	1.20	MILE 1.2 ON ROUTE	GALLATIN	2	476	CM ST P&P	13.5	XBUCK V<500	13.5
288	1.40	MILE 1.4 ON ROUTE	GALLATIN	2	476	CM ST P&P	14.0	XBUCK V<500	14.0
288	3.00	MILE 3.0 ON ROUTE	GALLATIN	2	155	CM ST P&P	34.8	XBUCK V<500	34.8
289	.04	AT ANCENCY	GALLATIN	2	315	NRTHN PAC	42.0	XBUCK V<500	42.0
289	20.26	NEAR BEGINNING	MADISON	2	290	NRTHN PAC	45.0	XBUCK V<500	45.0
289	28.07	AT GREENWOOD	GALLATIN	2	483	CM ST P&P	14.5	XBUCK V<500	14.5
290	.38	AT BELGRADE	GALLATIN	1	586	CM ST P&P	27.6	XBUCK URBAN	27.6
290	.46	AT BELGRADE	GALLATIN	1	645	NRTHN PAC	241.2	GATES URBAN	26.5

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
290	6.00	MILE 6.0 ON ROUTE	GALLATIN	2	110	CM ST P&P	27.9	XBUCK V<500	27.9
290	8.00	MILE 8.0 ON ROUTE	GALLATIN	2	245	CM ST P&P	54.0	XBUCK V<500	54.0
290	10.50	MILE 10.50 ON ROUTE	GALLATIN	2	168	CM ST P&P	38.4	XBUCK V<500	38.4
290	12.50	MILE 012.50 ON ROUTE	GALLATIN	2	108	CM ST P&P	26.1	XBUCK V<500	26.1
290	14.00	1.0 S OF MENARD	GALLATIN	2	106	CM ST P&P	27.0	XBUCK V<500	27.0
291	7.40	AT BELGRADE	GALLATIN	2	586	CM ST P&P	9.0	XBUCK RURAL	9.0
291	7.46	AT BELGRADE	GALLATIN	2	586	NRTHN PAC	176.4	FLSH LGHT R	35.3
293	.80	NEAR BOZEMAN	GALLATIN	1	2412	NRTHN PAC	144.0	GATES URBAN	15.8
293	1.00	AT BOZEMAN	GALLATIN	1	2412	NRTHN PAC	168.0	XBUCK URBAN	168.0
293	2.00	1. MILE N OF BOZEMAN	GALLATIN	2	1593	CM ST P&P	10.5	XBUCK RURAL	10.5
294	1.80	1.8 MILE ON ROUTE	MEAGHER	2	86	WSS & YP	5.2	XBUCK V<500	5.2
294	8.00	2.0 MILE E OF LOWETH	MEAGHER	2	70	CM ST P&P	12.0	FLSH LGHT R	2.4
294	26.93	AT MARTINSDALE	MEAGHER	2	95	CM ST P&P	15.6	FLSH LGHT R	3.1
296	2.99	AT TWO DOT	WHEATLAND	1	178	CM ST P&P	42.4	GATES URBAN	4.7
297	8.58	AT HEDGESVILLE	WHEATLAND	2	30	GRT NRTHN	3.5	XBUCK V<500	3.5
299	5.50	AT FRANKLIN	GOLDEN VALLEY	2	51	GRT NRTHN	8.2	XBUCK V<500	8.2
300	.01	AT RYEGATE	GOLDEN VALLEY	1	164	CM ST P&P	48.0	XBUCK URBAN	48.0
302	21.50	AT MOLT	STILLWATER	2	157	NRTHN PAC	34.8	XBUCK V<500	34.8
303	5.90	AT WORDEN	YELLOWSTONE	1	77	NRTHN PAC	51.0	XBUCK URBAN	51.0
303	15.95	E OF NIBBE	YELLOWSTONE	2	89	NRTHN PAC	49.0	XBUCK V<500	49.0
305	.20	AT BEGINNING OF ROUTE	YELLOWSTONE	2	354	NRTHN PAC	150.0	XBUCK V<500	150.0
307	46.60	AT COLUMBUS	STILLWATER	1	1154	NRTHN PAC	163.8	FLSH LGHT U	32.8
310	.20	AT CUSTER	YELLOWSTONE	2	139	NRTHN PAC	79.5	XBUCK V<500	79.5
310	43.30	AT MUSSELSHELL	MUSSELSHELL	2	175	CM ST P&P	41.0	FLSH LGHT R	8.2
311	17.80	AT MYERS	TREASURE	2	175	NRTHN PAC	96.0	XBUCK V<500	96.0
313	65.00	AT HARDIN	BIG HORN	2	848	CB & Q	32.4	FLSH LGHT R	6.5
315	39.50	14.0 MILE ON ROUTE	ROSEBUD	2	105	NRTHN PAC	15.0	XBUCK V<500	15.0
315	42.50	9.0 MILE ON ROUTE	ROSEBUD	2	151	NRTHN PAC	10.8	XBUCK V<500	10.8
320	5.90	AT ISMAY	CUSTER	2	80	CM ST P&P	12.0	FLSH LGHT R	2.4
321	.50	AT PLEVNA	FALLON	1	537	CM ST P&P	39.6	WIGWAGS	13.5
325	.02	AT BEGINNING OF ROUTE	BLAINE	2	138	GRT NRTHN	87.0	GATES RURAL	9.6
327	.24	AT BAINVILLE	ROOSEVELT	1	466	GRT NRTHN	150.0	GATES URBAN	16.5
327	3.57	MILE 3.5 ON ROUTE	ROOSEVELT	2	80	GRT NRTHN	48.0	XBUCK V<500	48.0
327	13.00	MILE 13.0 ON ROUTE	ROOSEVELT	2	94	GRT NRTHN	6.0	XBUCK V<500	6.0
330	.20	AT ULM	CASCADE	2	218	GRT NRTHN	17.0	XBUCK V<500	17.0
330	37.80	AT CASCADE	CASCADE	1	457	GRT NRTHN	24.0	FLSH LGHT U	4.8

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
335	.75	AT GLENDIVE	DAWSON	1	1039	NRTHN PAC	9.6	XBUCK URBAN	9.6
335	1.50	MILE 1.5 ON ROUTE	DAWSON	2	589	NRTHN PAC	9.6	XBUCK RURAL	9.6
335	1.60	MILE 1.6 ON ROUTE	DAWSON	2	589	NRTHN PAC	10.8	XBUCK RURAL	10.8
335	3.80	MILE 3.8 ON ROUTE	DAWSON	2	395	NRTHN PAC	117.5	XBUCK V<500	117.5
340	1.20	AT BEGINNING OF ROUTE	PRAIRIE	2	207	NRTHN PAC	117.5	FLSH LGHT R	23.5
343	.66	AT GALATA	TOOLE	2	285	GRT NRTHN	145.0	FLSH LGHT U	29.0
344	.10	AT FROID	ROOSEVELT	2	195	GRT NRTHN	12.4	XBUCK V<500	12.4
345	3.00	MILE 3.0 ON ROUTE	GALLATIN	2	221	CM ST P&P	12.0	XBUCK V<500	12.0
346	.10	AT MANHATTAN	GALLATIN	1	1578	NRTHN PAC	218.4	FLSH LGHT U	43.7
346	.40	AT MANHATTAN	GALLATIN	1	1076	NRTHN PAC	16.2	XBUCK URBAN	16.2
347	1.50	MILE 1.5 ON ROUTE	GALLATIN	2	370	CM ST P&P	13.0	XBUCK V<500	13.0
350	1.90	AT HOMESTEAD	SHERIDAN	2	143	GRT NRTHN	9.6	XBUCK V<500	9.6
356	2.50	MILE 2.5 ON ROUTE	LEWIS AND CLA	1	257	NRTHN PAC	102.0	XBUCK V<500	102.0
356	4.50	MILE 4.5 ON ROUTE	LEWIS AND CLA	2	171	NRTHN PAC	84.0	XBUCK V<500	84.0
357	.05	AT ALDER	MADISON	1	270	NRTHN PAC	57.0	XBUCK V<500	57.0
358	.20	AT VALIER	PONDERA	1	377	MT. WSTRN	13.0	XBUCK URBAN	13.0
359	.07	AT CARDWELL	JEFFERSON	1	424	NRTHN PAC	27.5	FLSH LGHT U	5.5
359	2.00	S OF CARDWELL	MADISON	2	220	CM ST P&P	30.0	FLSH LGHT R	6.0
359	13.16	12 SE OF CARDWELL	MADISON	2	130	NRTHN PAC	23.4	XBUCK V<500	23.4
360	.23	AT WHITE SULPHUR SPRINGS	MEAGHER	1	696	WSS & YP	14.4	XBUCK URBAN	14.4
366	5.93	AT LEDGER	PONDERA	2	180	GRT NRTHN	10.0	GATES RURAL	1.1
367	.50	MILE 0.5 ON ROUTE	RAVALLI	2	208	NRTHN PAC	39.0	XBUCK V<500	39.0
372	.30	NEAR STEVENSVILLE	RAVALLI	2	410	NRTHN PAC	37.5	XBUCK V<500	37.5
373	2.30	NEAR CORVALLIS	RAVALLI	2	283	NRTHN PAC	52.5	XBUCK V<500	52.5
374	6.42	AT OUTLOOK	SHERIDAN	1	141	SOO LINE	21.6	XBUCK V<500	21.6
375	7.65	AT BUTTE	SILVER BOW	1	4171	GRT NRTHN	23.2	FLSH LGHT U	4.6
377	3.00	AT BEGINNING OF ROUTE	RAVALLI	2	168	NRTHN PAC	28.8	XBUCK V<500	28.8
381	.03	AT BEGINNING OF ROUTE	MUSSELSHELL	2	87	CM ST P&P	18.8	XBUCK V<500	18.8
383	.05	AT BEGINNING OF ROUTE	RAVALLI	1	2089	NRTHN PAC	84.0	FLSH LGHT U	16.8
387	1.20	AT FORT BENTON	CHOTEAU	1	388	GRT NRTHN	22.0	FLSH LGHT U	4.4
388	.20	AT BEGINNING OF ROUTE	RAVALLI	2	140	NRTHN PAC	22.5	XBUCK V<500	22.5
390	.20	12TH. ST.-MISSOULA	MISSOULA	1	1023	NRTHN PAC	23.8	XBUCK URBAN	23.8
390	3.10	AT BEGINNING OF ROUTE	MISSOULA	1	5948	NRTHN PAC	25.2	XBUCK URBAN	25.2
393	3.50	MILE 3.5 ON ROUTE	SILVER BOW	2	13[illegible]	CM ST P&P	16.2	FLSH LGHT R	3.2
394	.03	AT SHAWMUT	WHEATLAND	2	73	CM ST P&P	62.4	XBUCK V<500	62.4
401	8.10	MILE 8.0 ON ROUTE	JEFFERSON	2	494	CM ST P&P	36.0	FLSH LGHT R	7.2

STATE HIGHWAY COMMISSION OF MONTANA
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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
401	12.09	AT END OF ROUTE	JEFFERSON	2	580	NRTHN PAC	55.8	FLSH LGHT R	11.2
403	.70	MILE 0.7 ON ROUTE	SILVER BOW	1	3345	BA & P	60.8	XBUCK URBAN	60.8
404	.01	AT BROCKTON	ROOSEVELT	1	237	GRT NRTHN	155.0	GATES URBAN	17.1
407	3.50	AT END OF ROUTE	POWELL	2	80	NRTHN PAC	70.0	FLSH LGHT R	14.0
408	.22	AT FAIRFIELD	TETON	1	305	CM ST P&P	37.5	XBUCK V<500	37.5
409	.10	AT BEGINNING OF ROUTE	LIBERTY	2	120	GRT NRTHN	69.0	XBUCK V<500	69.0
411	1.50	MILE 1.5 ON ROUTE	GALLATIN	2	507	CM ST P&P	48.6	XBUCK RURAL	48.6
411	4.50	MILE 4.5 ON ROUTE	GALLATIN	2	188	CM ST P&P	36.0	XBUCK V<500	36.0
411	5.80	MILE 5.8 ON ROUTE	GALLATIN	2	153	CM ST P&P	28.8	XBUCK V<500	28.8
418	.02	AT BEGINNING OF ROUTE	BIG HORN	2	264	CB & Q	35.0	XBUCK V<500	35.0
421	18.00	NEAR JOLIET	CARBON	2	164	NRTHN PAC	33.6	XBUCK V<500	33.6
422	2.00	AT SILVER STAR	MADISON	2	78	NRTHN PAC	5.6	XBUCK V<500	5.6
422	4.50	MILE 4.5 ON ROUTE	MADISON	2	70	NRTHN PAC	16.8	XBUCK V<500	16.8
422	5.00	MILE 5.0 ON ROUTE	MADISON	2	70	NRTHN PAC	17.4	XBUCK V<500	17.4
422	5.10	MILE 5.1 ON ROUTE	MADISON	2	70	NRTHN PAC	16.8	XBUCK V<500	16.8
426	.05	AT MOCCASIN	JUDITH BASIN	2	90	GRT NRTHN	5.6	XBUCK V<500	5.6
426	3.60	MILE 3.6 ON ROUTE	JUDITH BASIN	2	65	GRT NRTHN	16.2	XBUCK V<500	16.2
431	18.55	AT POWER	TETON	1	311	GRT NRTHN	15.0	XBUCK URBAN	15.0
432	.04	AT BIG SANDY	CHOTEAU	1	316	GRT NRTHN	18.0	FLSH LGHT U	3.6
435	.30	AT AUGUSTA	LEWIS AND CLA	1	69	GRT NRTHN	15.6	XBUCK URBAN	15.6
436	.03	AT ZURICH	BLAINE	1	130	GRT NRTHN	72.0	GATES URBAN	7.9
438	53.80	AT GLENTANA	VALLEY	1	64	GRT NRTHN	5.0	XBUCK V<500	5.0
440	.10	AT BUTTE CITY LIMITS	SILVER BOW	1	2203	CM ST P&P	59.2	GATES URBAN	6.5
440	.80	NEAR BUTTE	SILVER BOW	2	374	NRTHN PAC	67.5	XBUCK V<500	67.5
441	1.40	E OF GREGSON	SILVER BOW	2	172	CM ST P&P	23.2	XBUCK V<500	23.2
441	2.00	E OF GREGSON	SILVER BOW	2	137	NRTHN PAC	17.4	XBUCK V<500	17.4
441	2.20	E OF GREGSON	SILVER BOW	2	136	BA & P	8.1	XBUCK V<500	8.1
441	3.00	W OF GREGSON	SILVER BOW	2	100	BA & P	5.8	XBUCK V<500	5.8
444	.03	AT BEGINNING OF ROUTE	GLACIER	2	138	GRT NRTHN	55.5	XBUCK V<500	55.5
446	.10	AT BEGINNING OF ROUTE	ROSEBUD	2	247	NRTHN PAC	127.5	FLSH LGHT R	25.5
446	1.30	AT CARTERSVILLE	ROSEBUD	2	137	CM ST P&P	21.6	GATES RURAL	2.4
448	.05	AT BOX ELDER	HILL	1	167	GRT NRTHN	22.8	GATES URBAN	2.5
449	.45	AT GILDFORD	HILL	1	248	GRT NRTHN	180.0	GATES URBAN	19.8
458	3.50	MILE 3.5 ON ROUTE	GALLATIN	2	275	CM ST P&P	12.0	XBUCK V<500	12.0
459	3.00	MILE 3.0 ON ROUTE	CASCADE	2	838	GRT NRTHN	19.8	FLSH LGHT R	4.0
460	.40	AT GOLD CREEK	POWELL	1	115	CM ST P&P	23.4	FLSH LGHT U	4.7

STATE HIGHWAY COMMISSION OF MONTANA
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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
460	.50	AT GOLD CREEK	POWELL	1	115	NRTHN PAC	82.5	FLSH LGHT U	16.5
463	.10	AT LODGE GRASS	BIG HORN	1	351	CB & Q	29.0	FLSH LGHT U	5.8
466	.07	AT BEGINNING OF ROUTE	FERGUS	2	197	CM ST P&P	11.2	XBUCK V<500	11.2
467	.10	AT BEGINNING OF ROUTE	MC CONE	2	70	NRTHN PAC	18.0	XBUCK V<500	18.0
467	33.90	AT END OF ROUTE	DAWSON	2	60	NRTHN PAC	17.4	XBUCK V<500	17.4
469	-.01	AT BEGINNING OF ROUTE	ROOSEVELT	2	94	GRT NRTHN	6.4	XBUCK V<500	6.4
478	.10	AT GREYCLIFF	SWEET GRASS	2	65	NRTHN PAC	69.6	XBUCK V<500	69.6
481	2.40	AT E HELENA-SPUR	LEWIS AND CLA	1	150	NRTHN PAC	114.0	XBUCK URBAN	114.0
481	2.50	AT E HELENA-MAIN	LEWIS AND CLA	1	1109	NRTHN PAC	171.0	FLSH LGHT U	34.2
486	1.40	NEAR COLUMBIA FALLS	FLATHEAD	2	1695	GRT NRTHN	126.0	GATES RURAL	13.9
495	9.50	MILE 9.5 ON ROUTE	CASCADE	2	135	GRT NRTHN	8.1	XBUCK V<500	8.1
496	5.65	AT MCCABE	ROOSEVELT	1	55	GRT NRTHN	6.2	XBUCK V<500	6.2
498	1.90	AT GREAT FALLS	CASCADE	1	3439	GRT NRTHN	64.8	XBUCK URBAN	64.8
498	3.10	E OF GREAT FALLS	CASCADE	2	3230	CM ST P&P	67.2	XBUCK RURAL	67.2
498	3.30	E OF GREAT FALLS	CASCADE	2	3230	CM ST P&P	22.4	XBUCK RURAL	22.4
502	.10	AT BEGINNING OF ROUTE	YELLOWSTONE	2	200	NRTHN PAC	132.0	GATES RURAL	14.5
503	.25	AT BEGINNING OF ROUTE	FLATHEAD	1	1429	GRT NRTHN	48.6	XBUCK URBAN	48.6
503	1.00	MILE 1.0 ON ROUTE	FLATHEAD	2	438	GRT NRTHN	40.5	XBUCK V<500	40.5
503	11.80	2.0 MILE S OF KALISPELL	FLATHEAD	2	541	GRT NRTHN	50.4	XBUCK V<500	50.4
505	6.80	AT HANOVER	FERGUS	1	71	CM ST P&P	6.0	XBUCK V<500	6.0
505	8.00	1.2 MILE W OF HANOVER	FERGUS	2	108	CM ST P&P	9.3	XBUCK V<500	9.3
507	17.00	MILE 17.0 ON ROUTE	MISSOULA	2	104	NRTHN PAC	28.2	FLSH LGHT R	5.6
507	20.20	MILE 20.2 ON ROUTE	MINERAL	2	230	CM ST P&P	34.0	GATES RURAL	3.7
509	.20	AT MONIDA	BEAVERHEAD	1	102	UNION PAC	10.2	FLSH LGHT U	2.0
511	.08	AT FLAXVILLE	DANIELS	1	674	GRT NRTHN	16.2	XBUCK URBAN	16.2
511	6.45	AT WHITETAIL	DANIELS	1	220	SOO LINE	14.0	XBUCK V<500	14.0
512	.01	AT HALL	GRANITE	1	170	NRTHN PAC	51.6	XBUCK URBAN	51.6
518	1.60	MILE 1.6 ON ROUTE	JEFFERSON	2	256	GRT NRTHN	14.5	XBUCK V<500	14.5
518	2.40	MILE 2.4 ON ROUTE	JEFFERSON	2	148	GRT NRTHN	18.6	FLSH LGHT R	3.7
518	5.40	MILE 5.4 ON ROUTE	LEWIS AND CLA	2	336	NRTHN PAC	127.5	XBUCK V<500	127.5
518	5.70	MILE 5.7 ON ROUTE	LEWIS AND CLA	2	336	NRTHN PAC	122.5	GATES RURAL	13.5
520	.20	MILE 0.2 ON ROUTE	MINERAL	2	30	CM ST P&P	9.4	STOP V<500	5.5
521	1.10	AT GREAT FALLS	CASCADE	1	4062	CM ST P&P	24.8	FLSH LGHT U	5.0
522	1.80	MILE 1.8 ON ROUTE	YELLOWSTONE	2	324	CB & Q	34.0	GATES RURAL	3.7
526	.37	MILE 0.3 ON ROUTE	GALLATIN	2	50	NRTHN PAC	8.1	STOP V<500	4.7
533	9.75	MILE 9.75 ON ROUTE	MISSOULA	2	76	CM ST P&P	12.8	XBUCK V<500	12.8

STATE HIGHWAY COMMISSION OF MONTANA
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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
536	.04	MILE 0.4 ON ROUTE	GALLATIN	2	1609	NRTHN PAC	193.2	FLSH LGHT R	38.6

LISTING BY FEDERAL AID ROUTE IN ASCENDING ORDER OF ADJUSTED HAZARD INDEX

STATE HIGHWAY COMMISSION OF MONTANA
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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
1	657.12	2.0 MI W OF BAINVILLE	ROOSEVELT	2	735	GRT NRTHN	17.4	FLSH LGHT R	3.4
1	279.85	MAIN ST.-SHELBY	TOOLE	1	2688	GRT NRTHN	24.0	FLSH LGHT U	4.8
1	540.30	1.5 MI W OF GLASGOW	VALLEY	2	2511	GRT NRTHN	79.2	FLSH LGHT R	15.8
1	497.86	1.6 MI. W OF SACO	PHILLIPS	2	1163	GRT NRTHN	18.0	XBUCK RURAL	18.0
1	404.58	0.7 MI E OF CHINOOK	BLAINE	2	1929	GRT NRTHN	56.7	XBUCK RURAL	56.7
1	404.35	0.5 MI E OF CHINOOK	BLAINE	2	1982	GRT NRTHN	58.8	XBUCK RURAL	58.8
1	404.50	0.6 MI E OF CHINOOK	BLAINE	2	1929	GRT NRTHN	56.7	NONE	62.3
2	561.55	COLSTRIP BRANCH	ROSEBUD	2	180	NRTHN PAC	10.8	FLSH LGHT R	2.1
2	112.80	0.3 MI W OF BONNER	MISSOULA	2	790	NRTHN PAC	12.6	FLSH LGHT R	2.5
2	462.20	1ST AVE N-21ST ST BILLING	YELLOWSTONE	1	10108	NRTHN PAC	15.3	FLSH LGHT U	3.0
2	172.67	4.1 MI. W OF GARRISON	POWELL	2	2571	NRTHN PAC	22.4	FLSH LGHT R	4.4
2	105.10	BROADWAY-MISSOULA	MISSOULA	1	13448	NRTHN PAC	25.2	FLSH LGHT U	5.0
2	303.70	E OF MANHATTAN	GALLATIN	2	535	NRTHN PAC	9.6	XBUCK RURAL	9.6
2	302.50	0.6 MI E OF MANHATTAN	GALLATIN	2	535	NRTHN PAC	10.2	XBUCK RURAL	10.2
2	5.50	0.9 MI. W OF TAFT	MINERAL	2	1802	NRTHN PAC	65.1	FLSH LGHT R	13.0
2	1.98	4.5 MI. W OF TAFT	MINERAL	2	1788	NRTHN PAC	67.2	FLSH LGHT R	13.4
2	115.88	3.3 MI. E OF BONNER	MISSOULA	2	210	NRTHN PAC	153.0	GATES RURAL	16.8
2	102.76	4.0 MI W OF MISSOULA	MISSOULA	2	2611	NRTHN PAC	89.6	FLSH LGHT R	17.9
2	322.00	MAIN ST BOZEMAN	GALLATIN	1	8679	CM ST P&P	17.1	NONE	18.8
2	450.00	1ST. AVE & STATE BILLINGS	YELLOWSTONE	1	10966	NRTHN PAC	20.7	XBUCK URBAN	20.7
2	289.65	0.3 MI. E OF THREE FORKS	GALLATIN	2	213	CM ST P&P	30.0	XBUCK V<500	30.0
2	225.30	MONTANA ST. BUTTE	SILVER BOW	1	11836	BA & P	162.0	FLSH LGHT U	32.4
2	348.86	W. PARK ST. LIVINGSTON	PARK	1	1115	NRTHN PAC	36.0	XBUCK URBAN	36.0
2	349.93	PARK-K ST LIVINGSTON	PARK	1	5131	NRTHN PAC	43.2	XBUCK URBAN	43.2
2	348.89	W. PARK ST. LIVINGSTON	PARK	1	1115	NRTHN PAC	48.6	XBUCK URBAN	48.6
2	464.75	1.5 MI. E OF BILLINGS	YELLOWSTONE	1	11189	NRTHN PAC	64.8	XBUCK URBAN	64.8
2	227.10	UTAH ST. BUTTE	SILVER BOW	1	9694	BA & P	148.5	XBUCK URBAN	148.5
2	236.05	UTAH ST. BUTTE	SILVER BOW	1	9694	GRT NRTHN	153.0	XBUCK URBAN	153.0
3	464.03	MONTANA ST. HELENA	LEWIS AND CLA	1	3429	NRTHN PAC	51.2	GATES URBAN	5.6
3	286.91	3.3 MI. W OF GREAT FALLS	CASCADE	2	3320	CM ST P&P	69.6	FLSH LGHT R	13.9
3	283.61	6TH ST. GREAT FALLS	CASCADE	1	6714	GRT NRTHN	117.0	FLSH LGHT U	23.4
3	463.80	MONTANA ST. HELENA	LEWIS AND CLA	1	3067	GRT NRTHN	124.0	FLSH LGHT U	24.8
3	309.95	2.3 MI. W OF DRACUT	CASCADE	2	822	CM ST P&P	50.4	XBUCK RURAL	50.4
3	323.07	0.4 MI. W OF FAIRFIELD	TETON	2	701	CM ST P&P	54.0	XBUCK RURAL	54.0
4	26.80	0.7 MI. E OF BRIDGER	CARBON	2	1540	NRTHN PAC	58.8	XBUCK RURAL	58.8
4	42.65	AT ROCKVALE	CARBON	2	1693	NRTHN PAC	58.8	XBUCK RURAL	58.8

STATE HIGHWAY COMMISSION OF MONTANA
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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
4	28.90	2.8 MI. N OF BRIDGER	CARBON	2	1536	NRTHN PAC	63.0	XBUCK RURAL	63.0
5	108.28	3.0 MI N OF SOMERS	FLATHEAD	2	4214	GRT NRTHN	83.7	XBUCK RURAL	83.7
5	112.35	MAIN ST. KALISPELL	FLATHEAD	1	8660	GRT NRTHN	121.5	XBUCK URBAN	121.5
6	82.52	0.3 MI. E OF PARADISE	SANDERS	2	674	NRTHN PAC	33.6	FLSH LGHT R	6.7
6	51.75	0.5 MI E OF THOMP FALLS	SANDERS	2	954	NRTHN PAC	45.0	XBUCK RURAL	45.0
7	31.65	0.8 MI. N OF DARBY	RAVALLI	2	1818	NRTHN PAC	45.0	XBUCK RURAL	45.0
7	91.35	2.0 MI. S OF MISSOULA	MISSOULA	2	4757	NRTHN PAC	46.4	XBUCK RURAL	46.4
7	47.53	N. OF HAMILTON-DEPOT	RAVALLI	1	5469	NRTHN PAC	72.9	XBUCK URBAN	72.9
8	77.73	AT TOWNSEND	BROADWATER	1	1348	NRTHN PAC	40.8	XBUCK URBAN	40.8
9	.02	0.3 MI. W OF WOLFCREEK	LEWIS AND CLA	2	1348	GRT NRTHN	22.2	FLSH LGHT R	4.4
9	40.57	0.3 MI. S OF GILMAN	LEWIS AND CLA	2	466	GRT NRTHN	37.5	XBUCK V<500	37.5
10	113.15	14 ST 11 AVE GREAT FALLS	CASCADE	1	5360	CM ST P&P	14.4	FLSH LGHT U	2.8
10	113.05	15 ST 9 AVE GREAT FALLS	CASCADE	1	5590	GRT NRTHN	28.8	FLSH LGHT U	5.7
10	2.27	0.3 MI. N OF GREAT FALLS	CASCADE	2	10658	GRT NRTHN	32.4	FLSH LGHT R	6.4
10	113.05	14 ST 9 AVE GREAT FALLS	CASCADE	1	5360	GRT NRTHN	32.4	FLSH LGHT U	6.4
10	113.10	15 ST 10 AVE GREAT FALLS	CASCADE	1	5390	GRT NRTHN	40.5	FLSH LGHT U	8.1
10	113.15	15 ST 11 AVE GREAT FALLS	CASCADE	1	5390	CM ST P&P	40.5	FLSH LGHT U	8.1
10	3.53	CENTRAL AVE W GREAT FALLS	CASCADE	1	19700	GRT NRTHN	121.5	FLSH LGHT U	24.3
10	113.10	14 ST 10 AVE GREAT FALLS	CASCADE	1	5360	GRT NRTHN	45.9	XBUCK URBAN	45.9
11	48.80	5.2 MI. S OF LIVINGSTON	PARK	2	1490	NRTHN PAC	55.8	FLSH LGHT R	11.1
11	49.34	4.7 MI. S OF LIVINGSTON	PARK	2	1490	NRTHN PAC	55.8	FLSH LGHT R	11.1
11	105.50	0.5 MI. N OF RINGLING	MEAGHER	2	290	WSS & YP	12.5	XBUCK V<500	12.5
11	117.72	JCT. RTES. 11-14	MEAGHER	2	805	WSS & YP	15.6	XBUCK RURAL	15.6
11	77.17	1.5 MI. N OF CLYDE PARK	PARK	2	530	NRTHN PAC	55.8	XBUCK RURAL	55.8
13	74.80	1.0 MI. S OF HARRISON	MADISON	2	471	NRTHN PAC	39.0	XBUCK V<500	39.0
13	75.80	AT HARRISON	MADISON	1	471	NRTHN PAC	42.0	XBUCK URBAN	42.0
13	77.00	1.1 MI. N OF HARRISON	MADISON	2	464	NRTHN PAC	42.0	XBUCK V<500	42.0
13	65.30	AT-NORRIS	MADISON	2	526	NRTHN PAC	50.4	XBUCK RURAL	50.4
13	65.40	AT NORRIS	MADISON	2	526	NRTHN PAC	77.4	XBUCK RURAL	77.4
14	270.78	AT FORSYTH	ROSEBUD	1	606	NRTHN PAC	218.4	FLSH LGHT U	43.6
15	81.48	9TH ST. LEWISTOWN	FERGUS	1	4906	CM ST P&P	20.8	FLSH LGHT U	4.1
15	326.70	1.1 MI. W OF GLENDIVE	DAWSON	2	7851	NRTHN PAC	27.0	FLSH LGHT U	5.4
15	82.19	MILLER ST.-LEWISTOWN	FERGUS	1	4767	CM ST P&P	20.8	XBUCK URBAN	20.8
16	56.08	0.5 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	14.4	XBUCK RURAL	14.4
16	53.80	2.6 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	40.8	XBUCK RURAL	40.8
16	53.95	2.4 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	40.8	XBUCK RURAL	40.8

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
16	198.80	AT GRASSRANGE	FERGUS	2	593	CM ST P&P	48.6	XBUCK RURAL	48.6
17	72.11	1.9 MI. W OF GLENDIVE	DAWSON	2	3681	NRTHN PAC	72.0	XBUCK RURAL	72.0
18	.40	N. 7TH. STREET-MILES CITY	CUSTER	1	3156	CM ST P&P	52.8	FLSH LGHT U	10.5
19	7.80	COMMERCIAL AVE. ANACONDA	DEER LODGE	1	1960	BA & P	115.5	GATES URBAN	12.7
19	7.80	PARK AVE.-ANACONDA	DEER LODGE	1	4169	BA & P	140.0	GATES URBAN	15.4
19	53.30	4.2 MI. S OF DRUMMOND	GRANITE	2	481	NRTHN PAC	42.0	XBUCK V<500	42.0
19	55.02	2.5 MI. S OF HALL	GRANITE	2	481	NRTHN PAC	48.0	XBUCK V<500	48.0
19	38.50	AT PHILLIPSBURG	GRANITE	2	559	NRTHN PAC	48.6	XBUCK RURAL	48.6
20	32.60	0.5 MI. N OF SAVAGE	RICHLAND	2	874	NRTHN PAC	15.0	FLSH LGHT R	3.0
20	47.90	4.0 MI. S OF SIDNEY	RICHLAND	2	1546	GRT NRTHN	18.2	XBUCK RURAL	18.2
21	47.20	1.1 MI S OF CONRAD	PONDERA	2	1960	GRT NRTHN	20.3	FLSH LGHT R	4.0
21	50.38	2.5 MI. N OF CONRAD	PONDERA	2	2257	MT. WSTRN	22.4	XBUCK RURAL	22.4
22	14.15	8.2 MI. W OF REDSTONE	DANIELS	2	356	GRT NRTHN	12.5	XBUCK V<500	12.5
22	75.30	AT FROID	ROOSEVELT	2	747	GRT NRTHN	16.2	XBUCK RURAL	16.2
24	.85	N. OF BONNER	MISSOULA	1	2570	CM ST P&P	14.4	FLSH LGHT U	2.8
24	.10	NEAR JCT. RTE 2 AND 24	MISSOULA	1	2570	CM ST P&P	13.6	XBUCK URBAN	13.6
24	26.90	5.0 MI. W OF JCT. 209	MISSOULA	2	1100	CM ST P&P	46.8	XBUCK RURAL	46.8
24	134.05	0.5 MI. E OF FORT SHAW	CASCADE	2	1351	GRT NRTHN	55.8	XBUCK RURAL	55.8
24	139.60	JCT. OF RTES. 3 AND 24	CASCADE	2	2353	GRT NRTHN	72.0	XBUCK RURAL	72.0
26	.49	2.6 MI. E OF SIDNEY	RICHLAND	2	790	NRTHN PAC	14.4	XBUCK RURAL	14.4
27	35.50	MAIN ST. BAKER	FALLON	1	2272	CM ST P&P	44.8	GATES URBAN	4.9
28	10.04	3RD ST-RED LODGE	CARBON	1	1368	NRTHN PAC	46.8	XBUCK URBAN	46.8
28	35.73	AT JOLIET SPUR	CARBON	1	1310	NRTHN PAC	54.0	XBUCK URBAN	54.0
28	30.38	0.5 MI. W OF BOYD	CARBON	2	940	NRTHN PAC	55.8	XBUCK RURAL	55.8
28	37.03	1.3 MI. E OF JOLIET	CARBON	2	1310	NRTHN PAC	55.8	XBUCK RURAL	55.8
28	10.17	5TH ST-RED LODGE	CARBON	1	2319	NRTHN PAC	76.8	XBUCK URBAN	76.8
29	37.18	3.7 MI. N OF SHERIDAN	MADISON	2	684	NRTHN PAC	48.6	XBUCK RURAL	48.6
29	23.08	S. OF ALDER	MADISON	2	523	NRTHN PAC	54.0	XBUCK RURAL	54.0
30	24.10	MAIN ST.-WESTBY	SHERIDAN	1	570	SOO LINE	50.4	XBUCK URBAN	50.4
32	51.32	AT SCOBEY	DANIELS	1	2011	GRT NRTHN	22.4	XBUCK URBAN	22.4
32	2.80	0.1 MI. E OF MACON	ROOSEVELT	2	279	GRT NRTHN	115.0	FLSH LGHT R	23.0
35	.10	AT GRANTSDALE	RAVALLI	1	866	NRTHN PAC	78.3	XBUCK URBAN	78.3
38	6.38	1.1 MI. W OF COL. FALLS	FLATHEAD	2	3333	GRT NRTHN	20.8	FLSH LGHT R	4.1
40	.09	3RD. ST. NW GREAT FALLS	CASCADE	1	8634	CM ST P&P	15.3	XBUCK URBAN	15.3
40	.06	0.1 MI. N OF FA RTE 10	CASCADE	1	8634	CM ST P&P	16.2	XBUCK URBAN	16.2
40	.68	0.1 MI. N OF GREAT FALLS	CASCADE	1	11230	GRT NRTHN	51.3	XBUCK URBAN	51.3

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
43	1.35	1.5 MI. N OF LEWISTOWN	FERGUS	2	1731	CM ST P&P	43.4	FLSH LGHT R	8.6
43	24.40	0.7 MI. E OF ARMELLS	FERGUS	2	280	CM ST P&P	37.5	XBUCK V<500	37.5
43	29.35	1.0 MI. W OF FERGUS	FERGUS	2	226	CM ST P&P	45.0	XBUCK V<500	45.0
43	6.10	0.3 MI. W OF BAXTER	FERGUS	2	1125	CM ST P&P	48.6	XBUCK RURAL	48.6
43	.35	CORCORAN ST. LEWISTOWN	FERGUS	1	2334	GRT NRTHN	72.0	XBUCK URBAN	72.0
46	77.03	AT DIVIDE	SILVER BOW	2	344	UNION PAC	46.0	FLSH LGHT R	9.2
47	5.90	ANACONDA CUTOFF	DEER LODGE	2	1077	NRTHN PAC	31.5	FLSH LGHT R	6.3
48	10.32	10.7 MI N OF HARDIN	BIG HORN	2	284	CB & Q	25.5	XBUCK V<500	25.5
48	6.85	7.1 MI N OF HARDIN	BIG HORN	2	429	CB & Q	27.0	XBUCK V<500	27.0
50	81.02	AT BOZEMAN HOTSPRINGS	GALLATIN	2	1907	CM ST P&P	22.4	XBUCK RURAL	22.4
50	81.18	AT BOZEMAN HOTSPRINGS	GALLATIN	2	1907	CM ST P&P	56.7	XBUCK RURAL	56.7
51	39.94	2.3 MI W OF ENID	RICHLAND	2	175	GRT NRTHN	10.8	XBUCK V<500	10.8
53	.01	27TH. ST. BILLINGS (SPUR)	YELLOWSTONE	1	2325	NRTHN PAC	16.8	FLSH LGHT U	3.3
53	45.95	AT LAVINA	GOLDEN VALLEY	1	1031	CM ST P&P	67.2	FLSH LGHT U	13.4
53	1.27	27TH. ST. BILLINGS (SPUR)	YELLOWSTONE	1	8036	NRTHN PAC	16.2	XBUCK URBAN	16.2
53	.95	27TH. ST. BILLINGS (MAIN)	YELLOWSTONE	1	8113	NRTHN PAC	283.5	FLSH LGHT U	56.7
203	6.50	AT FLORENCE	RAVALLI	2	392	NRTHN PAC	48.0	XBUCK V<500	48.0
206	2.30	2.5 MI E OF KALISPELL	FLATHEAD	2	2280	GRT NRTHN	24.8	XBUCK RURAL	24.8
208	.03	NEAR JCT FAP 5	FLATHEAD	2	1314	GRT NRTHN	17.4	XBUCK RURAL	17.4
211	.73	0.7 MI W OF RONAN	LAKE	2	706	NRTHN PAC	24.0	XBUCK RURAL	24.0
212	4.20	NE OF CHARLO	LAKE	2	320	NRTHN PAC	14.0	XBUCK RURAL	14.0
212	11.98	AT MOIESE	LAKE	2	270	NRTHN PAC	15.0	XBUCK V<500	15.0
213	.15	AT CUTBANK	GLACIER	1	3186	GRT NRTHN	264.0	GATES URBAN	29.0
214	.05	AT SUNBURST	TOOLE	1	170	GRT NRTHN	11.6	XBUCK URBAN	11.6
215	4.85	AT KEVIN MAIN ST	TOOLE	1	419	GRT NRTHN	20.0	XBUCK URBAN	20.0
216	14.45	AT VALIER	PONDERA	2	783	MT. WSTRN	18.0	XBUCK RURAL	18.0
218	.10	AT CONRAD	PONDERA	1	907	GRT NRTHN	18.0	GATES URBAN	1.9
219	1.65	AT PENDROY	TETON	1	219	GRT NRTHN	39.0	XBUCK URBAN	39.0
221	24.25	AT DUTTON	TETON	2	220	GRT NRTHN	13.0	FLSH LGHT R	2.6
221	.70	AT CHOTEAU	TETON	1	1152	GRT NRTHN	48.6	XBUCK URBAN	48.6
221	.70	AT CHOTEAU	TETON	1	1152	CM ST P&P	52.2	XBUCK URBAN	52.2
224	.33	AT JOPLIN	LIBERTY	1	400	GRT NRTHN	30.0	GATES URBAN	3.3
227	2.00	MILE 2.0 ON ROUTE	CASCADE	2	650	GRT NRTHN	22.2	FLSH LGHT R	4.4
228	21.55	SW OF HIGHWOOD	CHOTEAU	2	200	CM ST P&P	13.6	XBUCK V<500	13.6
230	51.15	AT ARROW CREEK	JUDITH BASIN	2	134	CM ST P&P	7.5	XBUCK V<500	7.5
230	65.55	AT STANFORD	JUDITH BASIN	2	370	GRT NRTHN	17.5	XBUCK V<500	17.5

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
231	.35	AT RUDYARD	HILL	1	762	GRT NRTHN	186.0	GATES URBAN	20.4
235	1.95	AT BROOKS	FERGUS	2	309	CM ST P&P	37.5	XBUCK V<500	37.5
236	.03	AT HILGER	FERGUS	1	250	CM ST P&P	43.5	XBUCK V<500	43.5
237	2.00	AT MILE 2.0 ON ROUTE	FERGUS	2	108	CM ST P&P	9.3	XBUCK V<500	9.3
238	14.10	5.0 MI N W OF FORESTGROVE	FERGUS	2	70	CM ST P&P	27.0	XBUCK V<500	27.0
238	38.00	AT LEWISTOWN	FERGUS	1	1057	CM ST P&P	42.0	XBUCK URBAN	42.0
239	.20	AT HOBSON	JUDITH BASIN	1	546	GRT NRTHN	24.0	XBUCK URBAN	24.0
241	42.90	AT TURNER	BLAINE	1	81	GRT NRTHN	5.4	XBUCK URBAN	5.4
241	32.00	E OF TURNER	BLAINE	2	110	GRT NRTHN	7.5	XBUCK V<500	7.5
241	.04	AT HARLEM	BLAINE	1	859	GRT NRTHN	210.0	GATES URBAN	23.1
242	43.60	AT LORING	PHILLIPS	1	80	GRT NRTHN	5.6	XBUCK V<500	5.6
244	24.35	AT WINNET	PETROLEUM	1	539	CM ST P&P	57.6	XBUCK URBAN	57.6
246	4.60	AT PAISLEY	VALLEY	2	183	GRT NRTHN	106.0	FLSH LGHT R	21.2
247	.03	NEAR BEGINNING OF ROUTE	VALLEY	2	368	GRT NRTHN	42.0	GATES RURAL	4.6
247	8.00	MILE 8.0 ON ROUTE	VALLEY	2	1780	GRT NRTHN	54.6	FLSH LGHT R	10.9
247	50.60	AT OPHEIM	VALLEY	1	934	GRT NRTHN	15.0	XBUCK URBAN	15.0
248	39.68	NEAR GLENTANA	VALLEY	2	64	GRT NRTHN	5.6	XBUCK V<500	5.6
249	10.30	AT NASHUA	VALLEY	1	1935	GRT NRTHN	224.0	GATES URBAN	24.6
253	.23	AT TERRY	PRAIRIE	2	268	CM ST P&P	36.0	FLSH LGHT R	7.2
253	.11	AT TERRY	PRAIRIE	2	268	NRTHN PAC	112.5	FLSH LGHT R	22.5
253	44.70	AT BROCKWAY	MC CONE	2	346	NRTHN PAC	46.5	XBUCK V<500	46.5
254	43.50	AT RICHEY	DAWSON	1	331	GRT NRTHN	15.0	XBUCK URBAN	15.0
254	65.90	AT RICHEY ON FAS SPUR	DAWSON	1	503	GRT NRTHN	16.2	XBUCK URBAN	16.2
256	7.16	AT RAYMOND	SHERIDAN	2	248	SOO LINE	12.5	XBUCK V<500	12.5
262	3.00	3.0 MI W OF SUPERIOR	MINERAL	2	72	NRTHN PAC	28.0	XBUCK V<500	28.0
263	10.00	10.0 MI ON ROUTE	MISSOULA	2	223	CM ST P&P	38.0	FLSH LGHT R	7.6
263	2.50	2.5 MI ON ROUTE	MISSOULA	2	503	CM ST P&P	48.0	FLSH LGHT R	9.6
263	15.27	AT FRENCHTOWN	MISSOULA	1	297	NRTHN PAC	145.0	FLSH LGHT U	29.0
263	15.30	AT FRENCHTOWN	MISSOULA	1	297	NRTHN PAC	102.5	XBUCK V<500	102.5
264	.70	AT MISSOULA	MISSOULA	1	3652	NRTHN PAC	168.0	FLSH LGHT U	33.6
265	2.60	NEAR MISSOULA	MISSOULA	1	6398	NRTHN PAC	81.0	FLSH LGHT U	16.2
268	.45	AT STEVENSVILLE	RAVALLI	1	561	NRTHN PAC	48.6	FLSH LGHT U	9.7
269	5.08	AT CORVALLIS	RAVALLI	2	1560	NRTHN PAC	43.5	FLSH LGHT R	8.7
269	.05	AT HAMILTON	RAVALLI	1	283	NRTHN PAC	105.0	FLSH LGHT U	21.0
272	.03	AT AVON	POWELL	2	150	NRTHN PAC	73.5	GATES RURAL	8.0
273	13.10	AT GALEN	DEER LODGE	2	374	NRTHN PAC	24.0	FLSH LGHT R	4.8

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
274	1.00	MILE 1.0 ON ROUTE	DEER LODGE	2	425	BA & P	25.0	FLSH LGHT R	5.0
275	2.33	NEAR JCT US # 10	DEER LODGE	2	160	NRTHN PAC	18.0	FLSH LGHT R	3.6
276	.70	AT BUTTE	SILVER BOW	1	3176	BA & P	32.0	GATES URBAN	3.5
279	8.12	AT SILVER CITY	LEWIS AND CLA	2	233	GRT NRTHN	13.0	FLSH LGHT R	2.6
287	4.50	MILE 5.0 ON ROUTE	GALLATIN	2	357	NRTHN PAC	48.0	FLSH LGHT R	9.6
288	1.20	MILE 1.2 ON ROUTE	GALLATIN	2	476	CM ST P&P	13.5	XBUCK V<500	13.5
288	1.40	MILE 1.4 ON ROUTE	GALLATIN	2	476	CM ST P&P	14.0	XBUCK V<500	14.0
288	3.00	MILE 3.0 ON ROUTE	GALLATIN	2	155	CM ST P&P	34.8	XBUCK V<500	34.8
289	28.07	AT GREENWOOD	GALLATIN	2	483	CM ST P&P	14.5	XBUCK V<500	14.5
289	.04	AT ANCENCY	GALLATIN	2	315	NRTHN PAC	42.0	XBUCK V<500	42.0
289	20.26	NEAR BEGINNING	MADISON	2	290	NRTHN PAC	45.0	XBUCK V<500	45.0
290	12.50	MILE 012.50 ON ROUTE	GALLATIN	2	108	CM ST P&P	26.1	XBUCK V<500	26.1
290	.46	AT BELGRADE	GALLATIN	1	645	NRTHN PAC	241.2	GATES URBAN	26.5
290	14.00	1.0 S OF MENARD	GALLATIN	2	106	CM ST P&P	27.0	XBUCK V<500	27.0
290	.38	AT BELGRADE	GALLATIN	1	586	CM ST P&P	27.6	XBUCK URBAN	27.6
290	6.00	MILE 6.0 ON ROUTE	GALLATIN	2	110	CM ST P&P	27.9	XBUCK V<500	27.9
290	10.50	MILE 10.50 ON ROUTE	GALLATIN	2	168	CM ST P&P	38.4	XBUCK V<500	38.4
290	8.00	MILE 8.0 ON ROUTE	GALLATIN	2	245	CM ST P&P	54.0	XBUCK V<500	54.0
291	7.40	AT BELGRADE	GALLATIN	2	586	CM ST P&P	9.0	XBUCK RURAL	9.0
291	7.46	AT BELGRADE	GALLATIN	2	586	NRTHN PAC	176.4	FLSH LGHT R	35.2
293	2.00	1. MILE N OF BOZEMAN	GALLATIN	2	1593	CM ST P&P	10.5	XBUCK RURAL	10.5
293	.80	NEAR BOZEMAN	GALLATIN	1	2412	NRTHN PAC	144.0	GATES URBAN	15.8
293	1.00	AT BOZEMAN	GALLATIN	1	2412	NRTHN PAC	168.0	XBUCK URBAN	168.0
294	8.00	2.0 MILE E OF LOWETH	MEAGHER	2	70	CM ST P&P	12.0	FLSH LGHT R	2.4
294	26.93	AT MARTINSDALE	MEAGHER	2	95	CM ST P&P	15.6	FLSH LGHT R	3.1
294	1.80	1.8 MILE ON ROUTE	MEAGHER	2	86	WSS & YP	5.2	XBUCK V<500	5.2
296	2.99	AT TWO DOT	WHEATLAND	1	178	CM ST P&P	42.4	GATES URBAN	4.6
297	8.58	AT HEDGESVILLE	WHEATLAND	2	30	GRT NRTHN	3.5	XBUCK V<500	3.5
299	5.50	AT FRANKLIN	GOLDEN VALLEY	2	51	GRT NRTHN	8.2	XBUCK V<500	8.2
300	.01	AT RYEGATE	GOLDEN VALLEY	1	164	CM ST P&P	48.0	XBUCK URBAN	48.0
302	21.50	AT MOLT	STILLWATER	2	157	NRTHN PAC	34.8	XBUCK V<500	34.8
303	15.95	E OF NIBBE	YELLOWSTONE	2	89	NRTHN PAC	49.0	XBUCK V<500	49.0
303	5.90	AT WORDEN	YELLOWSTONE	1	77	NRTHN PAC	51.0	XBUCK URBAN	51.0
305	.20	AT BEGINNING OF ROUTE	YELLOWSTONE	2	354	NRTHN PAC	150.0	XBUCK V<500	150.0
307	46.60	AT COLUMBUS	STILLWATER	1	1154	NRTHN PAC	163.8	FLSH LGHT U	32.7
310	43.30	AT MUSSELSHELL	MUSSELSHELL	2	175	CM ST P&P	41.0	FLSH LGHT R	8.2

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
310	.20	AT CUSTER	YELLOWSTONE	2	139	NRTHN PAC	79.5	XBUCK V<500	79.5
311	17.80	AT MYERS	TREASURE	2	175	NRTHN PAC	96.0	XBUCK V<500	96.0
313	65.00	AT HARDIN	BIG HORN	2	848	CB & Q	32.4	FLSH LGHT R	6.4
315	42.50	9.0 MILE ON ROUTE	ROSEBUD	2	151	NRTHN PAC	10.8	XBUCK V<500	10.8
315	39.50	14.0 MILE ON ROUTE	ROSEBUD	2	105	NRTHN PAC	15.0	XBUCK V<500	15.0
320	5.90	AT ISMAY	CUSTER	2	80	CM ST P&P	12.0	FLSH LGHT R	2.4
321	.50	AT PLEVNA	FALLON	1	537	CM ST P&P	39.6	WIGWAGS	13.4
325	.02	AT BEGINNING OF ROUTE	BLAINE	2	138	GRT NRTHN	87.0	GATES RURAL	9.5
327	13.00	MILE 13.0 ON ROUTE	ROOSEVELT	2	94	GRT NRTHN	6.0	XBUCK V<500	6.0
327	.24	AT BAINVILLE	ROOSEVELT	1	466	GRT NRTHN	150.0	GATES URBAN	16.5
327	3.57	MILE 3.5 ON ROUTE	ROOSEVELT	2	80	GRT NRTHN	48.0	XBUCK V<500	48.0
330	37.80	AT CASCADE	CASCADE	1	457	GRT NRTHN	24.0	FLSH LGHT U	4.8
330	.20	AT ULM	CASCADE	2	218	GRT NRTHN	17.0	XBUCK V<500	17.0
335	.75	AT GLENDIVE	DAWSON	1	1039	NRTHN PAC	9.6	XBUCK URBAN	9.6
335	1.50	MILE 1.5 ON ROUTE	DAWSON	2	589	NRTHN PAC	9.6	XBUCK RURAL	9.6
335	1.60	MILE 1.6 ON ROUTE	DAWSON	2	589	NRTHN PAC	10.8	XBUCK RURAL	10.8
335	3.80	MILE 3.8 ON ROUTE	DAWSON	2	395	NRTHN PAC	117.5	XBUCK V<500	117.5
340	1.20	AT BEGINNING OF ROUTE	PRAIRIE	2	207	NRTHN PAC	117.5	FLSH LGHT R	23.5
343	.66	AT GALATA	TOOLE	2	285	GRT NRTHN	145.0	FLSH LGHT U	29.0
344	.10	AT FROID	ROOSEVELT	2	195	GRT NRTHN	12.4	XBUCK V<500	12.4
345	3.00	MILE 3.0 ON ROUTE	GALLATIN	2	221	CM ST P&P	12.0	XBUCK V<500	12.0
346	.40	AT MANHATTAN	GALLATIN	1	1076	NRTHN PAC	16.2	XBUCK URBAN	16.2
346	.10	AT MANHATTAN	GALLATIN	1	1578	NRTHN PAC	218.4	FLSH LGHT U	43.6
347	1.50	MILE 1.5 ON ROUTE	GALLATIN	2	370	CM ST P&P	13.0	XBUCK V<500	13.0
350	1.90	AT HOMESTEAD	SHERIDAN	2	143	GRT NRTHN	9.6	XBUCK V<500	9.6
356	4.50	MILE 4.5 ON ROUTE	LEWIS AND CLA	2	171	NRTHN PAC	84.0	XBUCK V<500	84.0
356	2.50	MILE 2.5 ON ROUTE	LEWIS AND CLA	1	257	NRTHN PAC	102.0	XBUCK V<500	102.0
357	.05	AT ALDER	MADISON	1	270	NRTHN PAC	57.0	XBUCK V<500	57.0
358	.20	AT VALIER	PONDERA	1	377	MT. WSTRN	13.0	XBUCK URBAN	13.0
359	.07	AT CARDWELL	JEFFERSON	1	424	NRTHN PAC	27.5	FLSH LGHT U	5.5
359	2.00	S OF CARDWELL	MADISON	2	220	CM ST P&P	30.0	FLSH LGHT R	6.0
359	13.16	12 SE OF CARDWELL	MADISON	2	130	NRTHN PAC	23.4	XBUCK V<500	23.4
360	.23	AT WHITE SULPHUR SPRINGS	MEAGHER	1	696	WSS & YP	14.4	XBUCK URBAN	14.4
366	5.93	AT LEDGER	PONDERA	2	180	GRT NRTHN	10.0	GATES RURAL	1.1
367	.50	MILE 0.5 ON ROUTE	RAVALLI	2	208	NRTHN PAC	39.0	XBUCK V<500	39.0
372	.30	NEAR STEVENSVILLE	RAVALLI	2	410	NRTHN PAC	37.5	XBUCK V<500	37.5

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
373	2.30	NEAR CORVALLIS	RAVALLI	2	283	NRTHN PAC	52.5	XBUCK V<500	52.5
374	6.42	AT OUTLOOK	SHERIDAN	1	141	SOO LINE	21.6	XBUCK V<500	21.6
375	7.65	AT BUTTE	SILVER BOW	1	4171	GRT NRTHN	23.2	FLSH LGHT U	4.6
377	3.00	AT BEGINNING OF ROUTE	RAVALLI	2	168	NRTHN PAC	28.8	XBUCK V<500	28.8
381	.03	AT BEGINNING OF ROUTE	MUSSELSHELL	2	87	CM ST P&P	18.8	XBUCK V<500	18.8
383	.05	AT BEGINNING OF ROUTE	RAVALLI	1	2089	NRTHN PAC	84.0	FLSH LGHT U	16.8
387	1.20	AT FORT BENTON	CHOTEAU	1	388	GRT NRTHN	22.0	FLSH LGHT U	4.4
388	.20	AT BEGINNING OF ROUTE	RAVALLI	2	140	NRTHN PAC	22.5	XBUCK V<500	22.5
390	.20	12TH. ST.-MISSOULA	MISSOULA	1	1023	NRTHN PAC	23.8	XBUCK URBAN	23.8
390	3.10	AT BEGINNING OF ROUTE	MISSOULA	1	5948	NRTHN PAC	25.2	XBUCK URBAN	25.2
393	3.50	MILE 3.5 ON ROUTE	SILVER BOW	2	131	CM ST P&P	16.2	FLSH LGHT R	3.2
394	.03	AT SHAWMUT	WHEATLAND	2	73	CM ST P&P	62.4	XBUCK V<500	62.4
401	8.10	MILE 8.0 ON ROUTE	JEFFERSON	2	494	CM ST P&P	36.0	FLSH LGHT R	7.2
401	12.09	AT END OF ROUTE	JEFFERSON	2	580	NRTHN PAC	55.8	FLSH LGHT R	11.1
403	.70	MILE 0.7 ON ROUTE	SILVER BOW	1	3345	BA & P	60.8	XBUCK URBAN	60.8
404	.01	AT BROCKTON	ROOSEVELT	1	237	GRT NRTHN	155.0	GATES URBAN	17.0
407	3.50	AT END OF ROUTE	POWELL	2	80	NRTHN PAC	70.0	FLSH LGHT R	14.0
408	.22	AT FAIRFIELD	TETON	1	305	CM ST P&P	37.5	XBUCK V<500	37.5
409	.10	AT BEGINNING OF ROUTE	LIBERTY	2	120	GRT NRTHN	69.0	XBUCK V<500	69.0
411	5.80	MILE 5.8 ON ROUTE	GALLATIN	2	153	CM ST P&P	28.8	XBUCK V<500	28.8
411	4.50	MILE 4.5 ON ROUTE	GALLATIN	2	188	CM ST P&P	36.0	XBUCK V<500	36.0
411	1.50	MILE 1.5 ON ROUTE	GALLATIN	2	507	CM ST P&P	48.6	XBUCK RURAL	48.6
418	.02	AT BEGINNING OF ROUTE	BIG HORN	2	264	CB & Q	35.0	XBUCK V<500	35.0
421	18.00	NEAR JOLIET	CARBON	2	164	NRTHN PAC	33.6	XBUCK V<500	33.6
422	2.00	AT SILVER STAR	MADISON	2	78	NRTHN PAC	5.6	XBUCK V<500	5.6
422	4.50	MILE 4.5 ON ROUTE	MADISON	2	70	NRTHN PAC	16.8	XBUCK V<500	16.8
422	5.10	MILE 5.1 ON ROUTE	MADISON	2	70	NRTHN PAC	16.8	XBUCK V<500	16.8
422	5.00	MILE 5.0 ON ROUTE	MADISON	2	70	NRTHN PAC	17.4	XBUCK V<500	17.4
426	.05	AT MOCCASIN	JUDITH BASIN	2	90	GRT NRTHN	5.6	XBUCK V<500	5.6
426	3.60	MILE 3.6 ON ROUTE	JUDITH BASIN	2	65	GRT NRTHN	16.2	XBUCK V<500	16.2
431	18.55	AT POWER	TETON	1	311	GRT NRTHN	15.0	XBUCK URBAN	15.0
432	.04	AT BIG SANDY	CHOTEAU	1	316	GRT NRTHN	18.0	FLSH LGHT U	3.6
435	.30	AT AUGUSTA	LEWIS AND CLA	1	69	GRT NRTHN	15.6	XBUCK URBAN	15.6
436	.03	AT ZURICH	BLAINE	1	130	GRT NRTHN	72.0	GATES URBAN	7.9
438	53.80	AT GLENTANA	VALLEY	1	64	GRT NRTHN	5.0	XBUCK V<500	5.0
440	.10	AT BUTTE CITY LIMITS	SILVER BOW	1	2203	CM ST P&P	59.2	GATES URBAN	6.5

STATE HIGHWAY COMMISSION OF MONTANA
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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
440	.80	NEAR BUTTE	SILVER BOW	2	374	NRTHN PAC	67.5	XBUCK V<500	67.5
441	3.00	W OF GREGSON	SILVER BOW	2	100	BA & P	5.8	XBUCK V<500	5.8
441	2.20	E OF GREGSON	SILVER BOW	2	136	BA & P	8.1	XBUCK V<500	8.1
441	2.00	E OF GREGSON	SILVER BOW	2	137	NRTHN PAC	17.4	XBUCK V<500	17.4
441	1.40	E OF GREGSON	SILVER BOW	2	172	CM ST P&P	23.2	XBUCK V<500	23.2
444	.03	AT BEGINNING OF ROUTE	GLACIER	2	138	GRT NRTHN	55.5	XBUCK V<500	55.5
446	1.30	AT CARTERSVILLE	ROSEBUD	2	137	CM ST P&P	21.6	GATES RURAL	2.3
446	.10	AT BEGINNING OF ROUTE	ROSEBUD	2	247	NRTHN PAC	127.5	FLSH LGHT R	25.5
448	.05	AT BOX ELDER	HILL	1	167	GRT NRTHN	22.8	GATES URBAN	2.5
449	.45	AT GILDFORD	HILL	1	248	GRT NRTHN	180.0	GATES URBAN	19.8
458	3.50	MILE 3.5 ON ROUTE	GALLATIN	2	275	CM ST P&P	12.0	XBUCK V<500	12.0
459	3.00	MILE 3.0 ON ROUTE	CASCADE	2	838	GRT NRTHN	19.8	FLSH LGHT R	3.9
460	.40	AT GOLD CREEK	POWELL	1	115	CM ST P&P	23.4	FLSH LGHT U	4.6
460	.50	AT GOLD CREEK	POWELL	1	115	NRTHN PAC	82.5	FLSH LGHT U	16.5
463	.10	AT LODGE GRASS	BIG HORN	1	351	CB & Q	29.0	FLSH LGHT U	5.8
466	.07	AT BEGINNING OF ROUTE	FERGUS	2	197	CM ST P&P	11.2	XBUCK V<500	11.2
467	33.90	AT END OF ROUTE	DAWSON	2	60	NRTHN PAC	17.4	XBUCK V<500	17.4
467	.10	AT BEGINNING OF ROUTE	MC CONE	2	70	NRTHN PAC	18.0	XBUCK V<500	18.0
469	.01	AT BEGINNING OF ROUTE	ROOSEVELT	2	94	GRT NRTHN	6.4	XBUCK V<500	6.4
478	.10	AT GREYCLIFF	SWEET GRASS	2	65	NRTHN PAC	69.6	XBUCK V<500	69.6
481	2.50	AT E HELENA-MAIN	LEWIS AND CLA	1	1109	NRTHN PAC	171.0	FLSH LGHT U	34.2
481	2.40	AT E HELENA-SPUR	LEWIS AND CLA	1	150	NRTHN PAC	114.0	XBUCK URBAN	114.0
486	1.40	NEAR COLUMBIA FALLS	FLATHEAD	2	1695	GRT NRTHN	126.0	GATES RURAL	13.8
495	9.50	MILE 9.5 ON ROUTE	CASCADE	2	135	GRT NRTHN	8.1	XBUCK V<500	8.1
496	5.65	AT MCCABE	ROOSEVELT	1	55	GRT NRTHN	6.2	XBUCK V<500	6.2
498	3.30	E OF GREAT FALLS	CASCADE	2	3230	CM ST P&P	22.4	XBUCK RURAL	22.4
498	1.90	AT GREAT FALLS	CASCADE	1	3439	GRT NRTHN	64.8	XBUCK URBAN	64.8
498	3.10	E OF GREAT FALLS	CASCADE	2	3230	CM ST P&P	67.2	XBUCK RURAL	67.2
502	.10	AT BEGINNING OF ROUTE	YELLOWSTONE	2	200	NRTHN PAC	132.0	GATES RURAL	14.5
503	1.00	MILE 1.0 ON ROUTE	FLATHEAD	2	438	GRT NRTHN	40.5	XBUCK V<500	40.5
503	.25	AT BEGINNING OF ROUTE	FLATHEAD	1	1429	GRT NRTHN	48.6	XBUCK URBAN	48.6
503	11.80	2.0 MILE S OF KALISPELL	FLATHEAD	2	541	GRT NRTHN	50.4	XBUCK V<500	50.4
505	6.80	AT HANOVER	FERGUS	1	71	CM ST P&P	6.0	XBUCK V<500	6.0
505	8.00	1.2 MILE W OF HANOVER	FERGUS	2	108	CM ST P&P	9.3	XBUCK V<500	9.3
507	20.20	MILE 20.2 ON ROUTE	MINERAL	2	230	CM ST P&P	34.0	GATES RURAL	3.7
507	17.00	MILE 17.0 ON ROUTE	MISSOULA	2	104	NRTHN PAC	28.2	FLSH LGHT R	5.6

STATE HIGHWAY COMMISSION OF MONTANA
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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
509	.20	AT MONIDA	BEAVERHEAD	1	102	UNION PAC	10.2	FLSH LGHT U	2.0
511	6.45	AT WHITETAIL	DANIELS	1	220	SOO LINE	14.0	XBUCK V<500	14.0
511	.08	AT FLAXVILLE	DANIELS	1	674	GRT NRTHN	16.2	XBUCK URBAN	16.2
512	.01	AT HALL	GRANITE	1	170	NRTHN PAC	51.6	XBUCK URBAN	51.6
518	2.40	MILE 2.4 ON ROUTE	JEFFERSON	2	148	GRT NRTHN	18.6	FLSH LGHT R	3.7
518	5.70	MILE 5.7 ON ROUTE	LEWIS AND CLA	2	336	NRTHN PAC	122.5	GATES RURAL	13.4
518	1.60	MILE 1.6 ON ROUTE	JEFFERSON	2	256	GRT NRTHN	14.5	XBUCK V<500	14.5
518	5.40	MILE 5.4 ON ROUTE	LEWIS AND CLA	2	336	NRTHN PAC	127.5	XBUCK V<500	127.5
520	.20	MILE 0.2 ON ROUTE	MINERAL	2	30	CM ST P&P	9.4	STOP V<500	5.4
521	1.10	AT GREAT FALLS	CASCADE	1	4062	CM ST P&P	24.8	FLSH LGHT U	4.9
522	1.80	MILE 1.8 ON ROUTE	YELLOWSTONE	2	324	CB & Q	34.0	GATES RURAL	3.7
526	.37	MILE 0.3 ON ROUTE	GALLATIN	2	50	NRTHN PAC	8.1	STOP V<500	4.6
533	9.75	MILE 9.75 ON ROUTE	MISSOULA	2	76	CM ST P&P	12.8	XBUCK V<500	12.8
536	.04	MILE 0.4 ON ROUTE	GALLATIN	2	1609	NRTHN PAC	193.2	FLSH LGHT R	38.6

LISTING BY DESCENDING ORDER OF

ADJUSTED HAZARD INDEX FOR FEDERAL AID SYSTEM

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
293	1.00	AT BOZEMAN	GALLATIN	1	2412	NRTHN PAC	168.0	XBUCK URBAN	168.0
2	236.05	UTAH ST. BUTTE	SILVER BOW	1	9694	GRT NRTHN	153.0	XBUCK URBAN	153.0
305	.20	AT BEGINNING OF ROUTE	YELLOWSTONE	2	354	NRTHN PAC	150.0	XBUCK V<500	150.0
2	227.10	UTAH ST. BUTTE	SILVER BOW	1	9694	BA & P	148.5	XBUCK URBAN	148.5
518	5.40	MILE 5.4 ON ROUTE	LEWIS AND CLA	2	336	NRTHN PAC	127.5	XBUCK V<500	127.5
5	112.35	MAIN ST. KALISPELL	FLATHEAD	1	8660	GRT NRTHN	121.5	XBUCK URBAN	121.5
335	3.80	MILE 3.8 ON ROUTE	DAWSON	2	395	NRTHN PAC	117.5	XBUCK V<500	117.5
481	2.40	AT E HELENA-SPUR	LEWIS AND CLA	1	150	NRTHN PAC	114.0	XBUCK URBAN	114.0
263	15.30	AT FRENCHTOWN	MISSOULA	1	297	NRTHN PAC	102.5	XBUCK V<500	102.5
356	2.50	MILE 2.5 ON ROUTE	LEWIS AND CLA	1	257	NRTHN PAC	102.0	XBUCK V<500	102.0
311	17.80	AT MYERS	TREASURE	2	175	NRTHN PAC	96.0	XBUCK V<500	96.0
356	4.50	MILE 4.5 ON ROUTE	LEWIS AND CLA	2	171	NRTHN PAC	84.0	XBUCK V<500	84.0
5	108.28	3.0 MI N OF SOMERS	FLATHEAD	2	4214	GRT NRTHN	83.7	XBUCK RURAL	83.7
310	.20	AT CUSTER	YELLOWSTONE	2	139	NRTHN PAC	79.5	XBUCK V<500	79.5
35	.10	AT GRANTSDALE	RAVALLI	1	866	NRTHN PAC	78.3	XBUCK URBAN	78.3
13	65.40	AT NORRIS	MADISON	2	526	NRTHN PAC	77.4	XBUCK RURAL	77.4
28	10.17	5TH ST-RED LODGE	CARBON	1	2319	NRTHN PAC	76.8	XBUCK URBAN	76.8
7	47.53	N. OF HAMILTON-DEPOT	RAVALLI	1	5469	NRTHN PAC	72.9	XBUCK URBAN	72.9
17	72.11	1.9 MI. W OF GLENDIVE	DAWSON	2	3681	NRTHN PAC	72.0	XBUCK RURAL	72.0
24	139.60	JCT. OF RTES. 3 AND 24	CASCADE	2	2353	GRT NRTHN	72.0	XBUCK RURAL	72.0
43	.35	CORCORAN ST. LEWISTOWN	FERGUS	1	2334	GRT NRTHN	72.0	XBUCK URBAN	72.0
478	.10	AT GREYCLIFF	SWEET GRASS	2	65	NRTHN PAC	69.6	XBUCK V<500	69.6
409	.10	AT BEGINNING OF ROUTE	LIBERTY	2	120	GRT NRTHN	69.0	XBUCK V<500	69.0
440	.80	NEAR BUTTE	SILVER BOW	2	374	NRTHN PAC	67.5	XBUCK V<500	67.5
498	3.10	E OF GREAT FALLS	CASCADE	2	3230	CM ST P&P	67.2	XBUCK RURAL	67.2
2	464.75	1.5 MI. E OF BILLINGS	YELLOWSTONE	1	11189	NRTHN PAC	64.8	XBUCK URBAN	64.8
498	1.90	AT GREAT FALLS	CASCADE	1	3439	GRT NRTHN	64.8	XBUCK URBAN	64.8
4	28.90	2.8 MI. N OF BRIDGER	CARBON	2	1536	NRTHN PAC	63.0	XBUCK RURAL	63.0
394	.03	AT SHAWMUT	WHEATLAND	2	73	CM ST P&P	62.4	XBUCK V<500	62.4
1	404.50	0.6 MI E OF CHINOOK	BLAINE	2	1929	GRT NRTHN	56.7	NONE	62.3
403	.70	MILE 0.7 ON ROUTE	SILVER BOW	1	3345	BA & P	60.8	XBUCK URBAN	60.8
1	404.35	0.5 MI E OF CHINOOK	BLAINE	2	1982	GRT NRTHN	58.8	XBUCK RURAL	58.8
4	26.80	0.7 MI. E OF BRIDGER	CARBON	2	1540	NRTHN PAC	58.8	XBUCK RURAL	58.8
4	42.65	AT ROCKVALE	CARBON	2	1693	NRTHN PAC	58.8	XBUCK RURAL	58.8
244	24.35	AT WINNET	PETROLEUM	1	539	CM ST P&P	57.6	XBUCK URBAN	57.6
357	.05	AT ALDER	MADISON	1	270	NRTHN PAC	57.0	XBUCK V<500	57.0

STATE HIGHWAY COMMISSION OF MONTANA
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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
1	404.58	0.7 MI E OF CHINOOK	BLAINE	2	1929	GRT NRTHN	56.7	XBUCK RURAL	56.7
50	81.18	AT BOZEMAN HOTSPRINGS	GALLATIN	2	1907	CM ST P&P	56.7	XBUCK RURAL	56.7
53	.95	27TH. ST. BILLINGS (MAIN)	YELLOWSTONE	1	8113	NRTHN PAC	283.5	FLSH LGHT U	56.7
11	77.17	1.5 MI. N OF CLYDE PARK	PARK	2	530	NRTHN PAC	55.8	XBUCK RURAL	55.8
24	134.05	0.5 MI. E OF FORT SHAW	CASCADE	2	1351	GRT NRTHN	55.8	XBUCK RURAL	55.8
28	30.38	0.5 MI. W OF BOYD	CARBON	2	940	NRTHN PAC	55.8	XBUCK RURAL	55.8
28	37.03	1.3 MI. E OF JOLIET	CARBON	2	1310	NRTHN PAC	55.8	XBUCK RURAL	55.8
444	.03	AT BEGINNING OF ROUTE	GLACIER	2	138	GRT NRTHN	55.5	XBUCK V<500	55.5
2	323.07	0.4 MI. W OF FAIRFIELD	TETON	2	701	CM ST P&P	54.0	XBUCK RURAL	54.0
28	45.73	AT JOLIET SPUR	CARBON	1	1310	NRTHN PAC	54.0	XBUCK URBAN	54.0
29	23.08	S. OF ALDER	MADISON	2	523	NRTHN PAC	54.0	XBUCK RURAL	54.0
290	8.00	MILE 8.0 ON ROUTE	GALLATIN	2	245	CM ST P&P	54.0	XBUCK V<500	54.0
373	2.30	NEAR CORVALLIS	RAVALLI	2	283	NRTHN PAC	52.5	XBUCK V<500	52.5
221	.70	AT CHOTEAU	TETON	1	1152	CM ST P&P	52.2	XBUCK URBAN	52.2
512	.01	AT HALL	GRANITE	1	170	NRTHN PAC	51.6	XBUCK URBAN	51.6
40	.68	0.1 MI. N OF GREAT FALLS	CASCADE	1	11230	GRT NRTHN	51.3	XBUCK URBAN	51.3
303	5.90	AT WORDEN	YELLOWSTONE	1	77	NRTHN PAC	51.0	XBUCK URBAN	51.0
3	309.95	2.3 MI. W OF DRACUT	CASCADE	2	822	CM ST P&P	50.4	XBUCK RURAL	50.4
13	65.30	AT-NORRIS	MADISON	2	526	NRTHN PAC	50.4	XBUCK RURAL	50.4
30	24.10	MAIN ST.-WESTBY	SHERIDAN	1	570	SOO LINE	50.4	XBUCK URBAN	50.4
503	11.80	2.0 MILE S OF KALISPELL	FLATHEAD	2	541	GRT NRTHN	50.4	XBUCK V<500	50.4
303	15.95	E OF NIBBE	YELLOWSTONE	2	89	NRTHN PAC	49.0	XBUCK V<500	49.0
2	348.89	W. PARK ST. LIVINGSTON	PARK	1	1115	NRTHN PAC	48.6	XBUCK URBAN	48.6
16	198.80	AT GRASSRANGE	FERGUS	2	593	CM ST P&P	48.6	XBUCK RURAL	48.6
19	38.50	AT PHILLIPSBURG	GRANITE	2	559	NRTHN PAC	48.6	XBUCK RURAL	48.6
29	37.18	3.7 MI. N OF SHERIDAN	MADISON	2	684	NRTHN PAC	48.6	XBUCK RURAL	48.6
43	6.10	0.3 MI. W OF BAXTER	FERGUS	2	1125	CM ST P&P	48.6	XBUCK RURAL	48.6
221	.70	AT CHOTEAU	TETON	1	1152	GRT NRTHN	48.6	XBUCK URBAN	48.6
411	1.50	MILE 1.5 ON ROUTE	GALLATIN	2	507	CM ST P&P	48.6	XBUCK RURAL	48.6
503	.25	AT BEGINNING OF ROUTE	FLATHEAD	1	1429	GRT NRTHN	48.6	XBUCK URBAN	48.6
19	55.02	2.5 MI. S OF HALL	GRANITE	2	481	NRTHN PAC	48.0	XBUCK V<500	48.0
203	6.50	AT FLORENCE	RAVALLI	2	392	NRTHN PAC	48.0	XBUCK V<500	48.0
300	.01	AT RYEGATE	GOLDEN VALLEY	1	164	CM ST P&P	48.0	XBUCK URBAN	48.0
327	3.57	MILE 3.5 ON ROUTE	ROOSEVELT	2	80	GRT NRTHN	48.0	XBUCK V<500	48.0
24	26.90	5.0 MI. W OF JCT. 209	MISSOULA	2	1100	CM ST P&P	46.8	XBUCK RURAL	46.8
28	10.04	3RD ST-RED LODGE	CARBON	1	1368	NRTHN PAC	46.8	XBUCK URBAN	46.8

STATE HIGHWAY COMMISSION OF MONTANA
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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
253	44.70	AT BROCKWAY	MC CONE	2	346	NRTHN PAC	46.5	XBUCK V<500	46.5
7	91.35	2.0 MI. S OF MISSOULA	MISSOULA	2	4757	NRTHN PAC	46.4	XBUCK RURAL	46.4
10	113.10	14 ST 10 AVE GREAT FALLS	CASCADE	1	5360	GRT NRTHN	45.9	XBUCK URBAN	45.9
6	51.75	0.5 MI E OF THOMP FALLS	SANDERS	2	954	NRTHN PAC	45.0	XBUCK RURAL	45.0
7	31.65	0.8 MI. N OF DARBY	RAVALLI	2	1818	NRTHN PAC	45.0	XBUCK RURAL	45.0
43	29.35	1.0 MI. W OF FERGUS	FERGUS	2	226	CM ST P&P	45.0	XBUCK V<500	45.0
289	20.26	NEAR BEGINNING	MADISON	2	290	NRTHN PAC	45.0	XBUCK V<500	45.0
14	270.78	AT FORSYTH	ROSEBUD	1	606	NRTHN PAC	218.4	FLSH LGHT U	43.6
346	.10	AT MANHATTAN	GALLATIN	1	1578	NRTHN PAC	218.4	FLSH LGHT U	43.6
236	.03	AT HILGER	FERGUS	1	250	CM ST P&P	43.5	XBUCK V<500	43.5
2	349.93	PARK-K ST LIVINGSTON	PARK	1	5131	NRTHN PAC	43.2	XBUCK URBAN	43.2
13	75.80	AT HARRISON	MADISON	1	471	NRTHN PAC	42.0	XBUCK URBAN	42.0
13	77.00	1.1 MI. N OF HARRISON	MADISON	2	464	NRTHN PAC	42.0	XBUCK V<500	42.0
19	53.30	4.2 MI. S OF DRUMMOND	GRANITE	2	481	NRTHN PAC	42.0	XBUCK V<500	42.0
238	38.00	AT LEWISTOWN	FERGUS	1	1057	CM ST P&P	42.0	XBUCK URBAN	42.0
289	.04	AT ANCENCY	GALLATIN	2	315	NRTHN PAC	42.0	XBUCK V<500	42.0
8	77.73	AT TOWNSEND	BROADWATER	1	1348	NRTHN PAC	40.8	XBUCK URBAN	40.8
16	53.80	2.6 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	40.8	XBUCK RURAL	40.8
16	53.95	2.4 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	40.8	XBUCK RURAL	40.8
503	1.00	MILE 1.0 ON ROUTE	FLATHEAD	2	438	GRT NRTHN	40.5	XBUCK V<500	40.5
13	74.80	1.0 MI. S OF HARRISON	MADISON	2	471	NRTHN PAC	39.0	XBUCK V<500	39.0
219	1.65	AT PENDROY	TETON	1	219	GRT NRTHN	39.0	XBUCK URBAN	39.0
367	.50	MILE 0.5 ON ROUTE	RAVALLI	2	208	NRTHN PAC	39.0	XBUCK V<500	39.0
536	.04	MILE 0.4 ON ROUTE	GALLATIN	2	1609	NRTHN PAC	193.2	FLSH LGHT R	38.6
290	10.50	MILE 10.50 ON ROUTE	GALLATIN	2	168	CM ST P&P	38.4	XBUCK V<500	38.4
9	40.57	0.3 MI. S OF GILMAN	LEWIS AND CLA	2	466	GRT NRTHN	37.5	XBUCK V<500	37.5
43	24.40	0.7 MI. E OF ARMELLS	FERGUS	2	280	CM ST P&P	37.5	XBUCK V<500	37.5
235	1.95	AT BROOKS	FERGUS	2	309	CM ST P&P	37.5	XBUCK V<500	37.5
372	.30	NEAR STEVENSVILLE	RAVALLI	2	410	NRTHN PAC	37.5	XBUCK V<500	37.5
408	.22	AT FAIRFIELD	TETON	1	305	CM ST P&P	37.5	XBUCK V<500	37.5
2	348.86	W. PARK ST. LIVINGSTON	PARK	1	1115	NRTHN PAC	36.0	XBUCK URBAN	36.0
411	4.50	MILE 4.5 ON ROUTE	GALLATIN	2	188	CM ST P&P	36.0	XBUCK V<500	36.0
291	7.46	AT BELGRADE	GALLATIN	2	586	NRTHN PAC	176.4	FLSH LGHT R	35.2
418	.02	AT BEGINNING OF ROUTE	BIG HORN	2	264	CB & Q	35.0	XBUCK V<500	35.0
288	3.00	MILE 3.0 ON ROUTE	GALLATIN	2	155	CM ST P&P	34.8	XBUCK V<500	34.8
302	21.50	AT MOLT	STILLWATER	2	157	NRTHN PAC	34.8	XBUCK V<500	34.8

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
481	2.50	AT E HELENA-MAIN	LEWIS AND CLA	1	1109	NRTHN PAC	171.0	FLSH LGHT U	34.2
264	.70	AT MISSOULA	MISSOULA	1	3652	NRTHN PAC	168.0	FLSH LGHT U	33.6
421	18.00	NEAR JOLIET	CARBON	2	164	NRTHN PAC	33.6	XBUCK V<500	33.6
307	46.60	AT COLUMBUS	STILLWATER	1	1154	NRTHN PAC	163.8	FLSH LGHT U	32.7
2	225.30	MONTANA ST. BUTTE	SILVER BOW	1	11836	BA & P	162.0	FLSH LGHT U	32.4
2	289.55	0.3 MI. E OF THREE FORKS	GALLATIN	2	213	CM ST P&P	30.0	XBUCK V<500	30.0
213	.15	AT CUTBANK	GLACIER	1	3186	GRT NRTHN	264.0	GATES URBAN	29.0
263	15.27	AT FRENCHTOWN	MISSOULA	1	297	NRTHN PAC	145.0	FLSH LGHT U	29.0
343	.56	AT GALATA	TOOLE	2	285	GRT NRTHN	145.0	FLSH LGHT U	29.0
377	3.00	AT BEGINNING OF ROUTE	RAVALLI	2	168	NRTHN PAC	28.8	XBUCK V<500	28.8
411	5.80	MILE 5.8 ON ROUTE	GALLATIN	2	153	CM ST P&P	28.8	XBUCK V<500	28.8
262	3.00	3.0 MI W OF SUPERIOR	MINERAL	2	72	NRTHN PAC	28.0	XBUCK V<500	28.0
290	6.00	MILE 6.0 ON ROUTE	GALLATIN	2	110	CM ST P&P	27.9	XBUCK V<500	27.9
290	.38	AT BELGRADE	GALLATIN	1	586	CM ST P&P	27.6	XBUCK URBAN	27.6
48	6.85	7.1 MI N OF HARDIN	BIG HORN	2	429	CB & Q	27.0	XBUCK V<500	27.0
238	14.10	5.0 MI N W OF FORESTGROVE	FERGUS	2	70	CM ST P&P	27.0	XBUCK V<500	27.0
290	14.00	1.0 S OF MENARD	GALLATIN	2	106	CM ST P&P	27.0	XBUCK V<500	27.0
290	.46	AT BELGRADE	GALLATIN	1	645	NRTHN PAC	241.2	GATES URBAN	26.5
290	12.50	MILE 012.50 ON ROUTE	GALLATIN	2	108	CM ST P&P	26.1	XBUCK V<500	26.1
48	10.32	10.7 MI N OF HARDIN	BIG HORN	2	284	CB & Q	25.5	XBUCK V<500	25.5
446	.10	AT BEGINNING OF ROUTE	ROSEBUD	2	247	NRTHN PAC	127.5	FLSH LGHT R	25.5
390	3.10	AT BEGINNING OF ROUTE	MISSOULA	1	5948	NRTHN PAC	25.2	XBUCK URBAN	25.2
3	463.80	MONTANA ST. HELENA	LEWIS AND CLA	1	3067	GRT NRTHN	124.0	FLSH LGHT U	24.8
206	2.30	2.5 MI E OF KALISPELL	FLATHEAD	2	2280	GRT NRTHN	24.8	XBUCK RURAL	24.8
249	10.30	AT NASHUA	VALLEY	1	1935	GRT NRTHN	224.0	GATES URBAN	24.6
10	3.53	CENTRAL AVE W GREAT FALLS	CASCADE	1	19700	GRT NRTHN	121.5	FLSH LGHT U	24.3
211	.73	0.7 MI W OF RONAN	LAKE	2	706	NRTHN PAC	24.0	XBUCK RURAL	24.0
239	.20	AT HOBSON	JUDITH BASIN	1	546	GRT NRTHN	24.0	XBUCK URBAN	24.0
390	.20	12TH. ST.-MISSOULA	MISSOULA	1	1023	NRTHN PAC	23.8	XBUCK URBAN	23.8
340	1.20	AT BEGINNING OF ROUTE	PRAIRIE	2	207	NRTHN PAC	117.5	FLSH LGHT R	23.5
3	283.61	6TH ST. GREAT FALLS	CASCADE	1	6714	GRT NRTHN	117.0	FLSH LGHT U	23.4
359	13.16	12 SE OF CARDWELL	MADISON	2	130	NRTHN PAC	23.4	XBUCK V<500	23.4
441	1.40	E OF GREGSON	SILVER BOW	2	172	CM ST P&P	23.2	XBUCK V<500	23.2
241	.04	AT HARLEM	BLAINE	1	859	GRT NRTHN	210.0	GATES URBAN	23.1
32	2.80	0.1 MI. E OF MACON	ROOSEVELT	2	279	GRT NRTHN	115.0	FLSH LGHT R	23.0
253	.11	AT TERRY	PRAIRIE	2	268	NRTHN PAC	112.5	FLSH LGHT R	22.5

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
388	.20	AT BEGINNING OF ROUTE	RAVALLI	2	140	NRTHN PAC	22.5	XBUCK V<500	22.5
21	50.38	2.5 MI. N OF CONRAD	PONDERA	2	2257	MT. WSTRN	22.4	XBUCK RURAL	22.4
32	51.32	AT SCOBEY	DANIELS	1	2011	GRT NRTHN	22.4	XBUCK URBAN	22.4
50	81.02	AT BOZEMAN HOTSPRINGS	GALLATIN	2	1907	CM ST P&P	22.4	XBUCK RURAL	22.4
498	3.30	E OF GREAT FALLS	CASCADE	2	3230	CM ST P&P	22.4	XBUCK RURAL	22.4
374	6.42	AT OUTLOOK	SHERIDAN	1	141	SOO LINE	21.6	XBUCK V<500	21.6
246	4.60	AT PAISLEY	VALLEY	2	183	GRT NRTHN	106.0	FLSH LGHT R	21.2
269	.05	AT HAMILTON	RAVALLI	1	283	NRTHN PAC	105.0	FLSH LGHT U	21.0
15	82.19	MILLER ST.-LEWISTOWN	FERGUS	1	4767	CM ST P&P	20.8	XBUCK URBAN	20.8
2	450.00	1ST. AVE & STATE BILLINGS	YELLOWSTONE	1	10966	NRTHN PAC	20.7	XBUCK URBAN	20.7
231	.35	AT RUDYARD	HILL	1	762	GRT NRTHN	186.0	GATES URBAN	20.4
215	4.85	AT KEVIN MAIN ST	TOOLE	1	419	GRT NRTHN	20.0	XBUCK URBAN	20.0
449	.45	AT GILDFORD	HILL	1	248	GRT NRTHN	180.0	GATES URBAN	19.8
2	322.00	MAIN ST BOZEMAN	GALLATIN	1	8679	CM ST P&P	17.1	NONE	18.8
381	.03	AT BEGINNING OF ROUTE	MUSSELSHELL	2	87	CM ST P&P	18.8	XBUCK V<500	18.8
20	47.90	4.0 MI. S OF SIDNEY	RICHLAND	2	1546	GRT NRTHN	18.2	XBUCK RURAL	18.2
1	497.86	1.6 MI. W OF SACO	PHILLIPS	2	1163	GRT NRTHN	18.0	XBUCK RURAL	18.0
216	14.45	AT VALIER	PONDERA	2	783	MT. WSTRN	18.0	XBUCK RURAL	18.0
467	.10	AT BEGINNING OF ROUTE	MC CONE	2	70	NRTHN PAC	18.0	XBUCK V<500	18.0
2	102.76	4.0 MI W OF MISSOULA	MISSOULA	2	2611	NRTHN PAC	89.6	FLSH LGHT R	17.9
230	65.55	AT STANFORD	JUDITH BASIN	2	370	GRT NRTHN	17.5	XBUCK V<500	17.5
208	.03	NEAR JCT FAP 5	FLATHEAD	2	1314	GRT NRTHN	17.4	XBUCK RURAL	17.4
422	5.00	MILE 5.0 ON ROUTE	MADISON	2	70	NRTHN PAC	17.4	XBUCK V<500	17.4
441	2.00	E OF GREGSON	SILVER BOW	2	137	NRTHN PAC	17.4	XBUCK V<500	17.4
467	33.90	AT END OF ROUTE	DAWSON	2	60	NRTHN PAC	17.4	XBUCK V<500	17.4
330	.20	AT ULM	CASCADE	2	218	GRT NRTHN	17.0	XBUCK V<500	17.0
404	.01	AT BROCKTON	ROOSEVELT	1	237	GRT NRTHN	155.0	GATES URBAN	17.0
2	115.88	3.3 MI. E OF BONNER	MISSOULA	2	210	NRTHN PAC	153.0	GATES RURAL	16.8
383	.05	AT BEGINNING OF ROUTE	RAVALLI	1	2089	NRTHN PAC	84.0	FLSH LGHT U	16.8
422	4.50	MILE 4.5 ON ROUTE	MADISON	2	70	NRTHN PAC	16.8	XBUCK V<500	16.8
422	5.10	MILE 5.1 ON ROUTE	MADISON	2	70	NRTHN PAC	16.8	XBUCK V<500	16.8
327	.24	AT BAINVILLE	ROOSEVELT	1	466	GRT NRTHN	150.0	GATES URBAN	16.5
460	.50	AT GOLD CREEK	POWELL	1	115	NRTHN PAC	82.5	FLSH LGHT U	16.5
22	75.30	AT FROID	ROOSEVELT	2	747	GRT NRTHN	16.2	XBUCK RURAL	16.2
40	.06	0.1 MI. N OF FA RTE 10	CASCADE	1	8634	CM ST P&P	16.2	XBUCK URBAN	16.2
53	1.27	27TH. ST. BILLINGS (SPUR)	YELLOWSTONE	1	8036	NRTHN PAC	16.2	XBUCK URBAN	16.2

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
254	65.90	AT RICHEY ON FAS SPUR	DAWSON	1	503	GRT NRTHN	16.2	XBUCK URBAN	16.2
265	2.60	NEAR MISSOULA	MISSOULA	1	6398	NRTHN PAC	81.0	FLSH LGHT U	16.2
346	.40	AT MANHATTAN	GALLATIN	1	1076	NRTHN PAC	16.2	XBUCK URBAN	16.2
426	3.60	MILE 3.6 ON ROUTE	JUDITH BASIN	2	65	GRT NRTHN	16.2	XBUCK V<500	16.2
511	.08	AT FLAXVILLE	DANIELS	1	674	GRT NRTHN	16.2	XBUCK URBAN	16.2
1	540.30	1.5 MI W OF GLASGOW	VALLEY	2	2511	GRT NRTHN	79.2	FLSH LGHT R	15.8
293	.80	NEAR BOZEMAN	GALLATIN	1	2412	NRTHN PAC	144.0	GATES URBAN	15.8
11	117.72	JCT. RTES. 11-14	MEAGHER	2	805	WSS & YP	15.6	XBUCK RURAL	15.6
435	.30	AT AUGUSTA	LEWIS AND CLA	1	69	GRT NRTHN	15.6	XBUCK URBAN	15.6
19	7.80	PARK AVE.-ANACONDA	DEER LODGE	1	4169	BA & P	140.0	GATES URBAN	15.4
40	.09	3RD. ST. NW GREAT FALLS	CASCADE	1	8634	CM ST P&P	15.3	XBUCK URBAN	15.3
212	11.98	AT MOIESE	LAKE	2	270	NRTHN PAC	15.0	XBUCK V<500	15.0
247	50.60	AT OPHEIM	VALLEY	1	934	GRT NRTHN	15.0	XBUCK URBAN	15.0
254	43.50	AT RICHEY	DAWSON	1	331	GRT NRTHN	15.0	XBUCK URBAN	15.0
315	39.50	14.0 MILE ON ROUTE	ROSEBUD	2	105	NRTHN PAC	15.0	XBUCK V<500	15.0
431	18.55	AT POWER	TETON	1	311	GRT NRTHN	15.0	XBUCK URBAN	15.0
289	28.07	AT GREENWOOD	GALLATIN	2	483	CM ST P&P	14.5	XBUCK V<500	14.5
502	.10	AT BEGINNING OF ROUTE	YELLOWSTONE	2	200	NRTHN PAC	132.0	GATES RURAL	14.5
518	1.60	MILE 1.6 ON ROUTE	JEFFERSON	2	256	GRT NRTHN	14.5	XBUCK V<500	14.5
16	56.08	0.5 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	14.4	XBUCK RURAL	14.4
26	.49	2.6 MI. E OF SIDNEY	RICHLAND	2	790	NRTHN PAC	14.4	XBUCK RURAL	14.4
360	.23	AT WHITE SULPHUR SPRINGS	MEAGHER	1	696	WSS & YP	14.4	XBUCK URBAN	14.4
212	4.20	NE OF CHARLO	LAKE	2	320	NRTHN PAC	14.0	XBUCK RURAL	14.0
288	1.40	MILE 1.4 ON ROUTE	GALLATIN	2	476	CM ST P&P	14.0	XBUCK V<500	14.0
407	3.50	AT END OF ROUTE	POWELL	2	80	NRTHN PAC	70.0	FLSH LGHT R	14.0
511	6.45	AT WHITETAIL	DANIELS	1	220	SOO LINE	14.0	XBUCK V<500	14.0
3	286.91	3.3 MI. W OF GREAT FALLS	CASCADE	2	3320	CM ST P&P	69.6	FLSH LGHT R	13.9
486	1.40	NEAR COLUMBIA FALLS	FLATHEAD	2	1695	GRT NRTHN	126.0	GATES RURAL	13.8
24	.10	NEAR JCT. RTE 2 AND 24	MISSOULA	1	2570	CM ST P&P	13.6	XBUCK URBAN	13.6
228	21.55	SW OF HIGHWOOD	CHOTEAU	2	200	CM ST P&P	13.6	XBUCK V<500	13.6
288	1.20	MILE 1.2 ON ROUTE	GALLATIN	2	476	CM ST P&P	13.5	XBUCK V<500	13.5
2	1.98	4.5 MI. W OF TAFT	MINERAL	2	1788	NRTHN PAC	67.2	FLSH LGHT R	13.4
53	45.95	AT LAVINA	GOLDEN VALLEY	1	1031	CM ST P&P	67.2	FLSH LGHT U	13.4
321	.50	AT PLEVNA	FALLON	1	537	CM ST P&P	39.6	WIGWAGS	13.4
518	5.70	MILE 5.7 ON ROUTE	LEWIS AND CLA	2	336	NRTHN PAC	122.5	GATES RURAL	13.4
2	5.50	0.9 MI. W OF TAFT	MINERAL	2	1802	NRTHN PAC	65.1	FLSH LGHT R	13.0

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
347	1.50	MILE 1.5 ON ROUTE	GALLATIN	2	370	CM ST P&P	13.0	XBUCK V<500	13.0
358	.20	AT VALIER	PONDERA	1	377	MT. WSTRN	13.0	XBUCK URBAN	13.0
533	9.75	MILE 9.75 ON ROUTE	MISSOULA	2	76	CM ST P&P	12.8	XBUCK V<500	12.8
19	7.80	COMMERCIAL AVE. ANACONDA	DEER LODGE	1	1960	BA & P	115.5	GATES URBAN	12.7
11	105.50	0.5 MI. N OF RINGLING	MEAGHER	2	290	WSS & YP	12.5	XBUCK V<500	12.5
22	14.15	8.2 MI. W OF REDSTONE	DANIELS	2	356	GRT NRTHN	12.5	XBUCK V<500	12.5
256	7.16	AT RAYMOND	SHERIDAN	2	248	SOO LINE	12.5	XBUCK V<500	12.5
344	.10	AT FROID	ROOSEVELT	2	195	GRT NRTHN	12.4	XBUCK V<500	12.4
345	3.00	MILE 3.0 ON ROUTE	GALLATIN	2	221	CM ST P&P	12.0	XBUCK V<500	12.0
458	3.50	MILE 3.5 ON ROUTE	GALLATIN	2	275	CM ST P&P	12.0	XBUCK V<500	12.0
214	.05	AT SUNBURST	TOOLE	1	170	GRT NRTHN	11.6	XBUCK URBAN	11.6
466	.07	AT BEGINNING OF ROUTE	FERGUS	2	197	CM ST P&P	11.2	XBUCK V<500	11.2
11	48.80	5.2 MI. S OF LIVINGSTON	PARK	2	1490	NRTHN PAC	55.8	FLSH LGHT R	11.1
11	49.34	4.7 MI. S OF LIVINGSTON	PARK	2	1490	NRTHN PAC	55.8	FLSH LGHT R	11.1
401	12.09	AT END OF ROUTE	JEFFERSON	2	580	NRTHN PAC	55.8	FLSH LGHT R	11.1
247	8.00	MILE 8.0 ON ROUTE	VALLEY	2	1780	GRT NRTHN	54.6	FLSH LGHT R	10.9
51	39.94	2.3 MI W OF ENID	RICHLAND	2	175	GRT NRTHN	10.8	XBUCK V<500	10.8
315	42.50	9.0 MILE ON ROUTE	ROSEBUD	2	151	NRTHN PAC	10.8	XBUCK V<500	10.8
335	1.60	MILE 1.6 ON ROUTE	DAWSON	2	589	NRTHN PAC	10.8	XBUCK RURAL	10.8
18	.40	N. 7TH. STREET-MILES CITY	CUSTER	1	3156	CM ST P&P	52.8	FLSH LGHT U	10.5
293	2.00	1. MILE N OF BOZEMAN	GALLATIN	2	1593	CM ST P&P	10.5	XBUCK RURAL	10.5
2	302.50	0.6 MI E OF MANHATTAN	GALLATIN	2	535	NRTHN PAC	10.2	XBUCK RURAL	10.2
268	.45	AT STEVENSVILLE	RAVALLI	1	561	NRTHN PAC	48.6	FLSH LGHT U	9.7
2	303.70	E OF MANHATTAN	GALLATIN	2	535	NRTHN PAC	9.6	XBUCK RURAL	9.6
263	2.50	2.5 MI ON ROUTE	MISSOULA	2	503	CM ST P&P	48.0	FLSH LGHT R	9.6
287	4.50	MILE 5.0 ON ROUTE	GALLATIN	2	357	NRTHN PAC	48.0	FLSH LGHT R	9.6
335	.75	AT GLENDIVE	DAWSON	1	1039	NRTHN PAC	9.6	XBUCK URBAN	9.6
335	1.50	MILE 1.5 ON ROUTE	DAWSON	2	589	NRTHN PAC	9.6	XBUCK RURAL	9.6
350	1.90	AT HOMESTEAD	SHERIDAN	2	143	GRT NRTHN	9.6	XBUCK V<500	9.6
325	.02	AT BEGINNING OF ROUTE	BLAINE	2	138	GRT NRTHN	87.0	GATES RURAL	9.5
237	2.00	AT MILE 2.0 ON ROUTE	FERGUS	2	108	CM ST P&P	9.3	XBUCK V<500	9.3
505	8.00	1.2 MILE W OF HANOVER	FERGUS	2	108	CM ST P&P	9.3	XBUCK V<500	9.3
46	77.03	AT DIVIDE	SILVER BOW	2	344	UNION PAC	46.0	FLSH LGHT R	9.2
291	7.40	AT BELGRADE	GALLATIN	2	586	CM ST P&P	9.0	XBUCK RURAL	9.0
269	5.08	AT CORVALLIS	RAVALLI	2	1560	NRTHN PAC	43.5	FLSH LGHT R	8.7
43	1.35	1.5 MI. N OF LEWISTOWN	FERGUS	2	1731	CM ST P&P	43.4	FLSH LGHT R	8.6

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
299	5.50	AT FRANKLIN	GOLDEN VALLEY	2	51	GRT NRTHN	8.2	XBUCK V<500	8.2
310	43.30	AT MUSSELSHELL	MUSSELSHELL	2	175	CM ST P&P	41.0	FLSH LGHT R	8.2
10	113.10	15 ST 10 AVE GREAT FALLS	CASCADE	1	5390	GRT NRTHN	40.5	FLSH LGHT U	8.1
10	113.15	15 ST 11 AVE GREAT FALLS	CASCADE	1	5390	CM ST P&P	40.5	FLSH LGHT U	8.1
441	2.20	E OF GREGSON	SILVER BOW	2	136	BA & P	8.1	XBUCK V<500	8.1
495	9.50	MILE 9.5 ON ROUTE	CASCADE	2	135	GRT NRTHN	8.1	XBUCK V<500	8.1
272	.03	AT AVON	POWELL	2	150	NRTHN PAC	73.5	GATES RURAL	8.0
436	.03	AT ZURICH	BLAINE	1	130	GRT NRTHN	72.0	GATES URBAN	7.9
263	10.00	10.0 MI ON ROUTE	MISSOULA	2	223	CM ST P&P	38.0	FLSH LGHT R	7.6
230	51.15	AT ARROW CREEK	JUDITH BASIN	2	134	CM ST P&P	7.5	XBUCK V<500	7.5
241	32.00	E OF TURNER	BLAINE	2	110	GRT NRTHN	7.5	XBUCK V<500	7.5
253	.23	AT TERRY	PRAIRIE	2	268	CM ST P&P	36.0	FLSH LGHT R	7.2
401	8.10	MILE 8.0 ON ROUTE	JEFFERSON	2	494	CM ST P&P	36.0	FLSH LGHT R	7.2
6	82.52	0.3 MI. E OF PARADISE	SANDERS	2	674	NRTHN PAC	33.6	FLSH LGHT R	6.7
440	.10	AT BUTTE CITY LIMITS	SILVER BOW	1	2203	CM ST P&P	59.2	GATES URBAN	6.5
10	2.27	0.3 MI. N OF GREAT FALLS	CASCADE	2	10658	GRT NRTHN	32.4	FLSH LGHT R	6.4
10	113.05	14 ST 9 AVE GREAT FALLS	CASCADE	1	5360	GRT NRTHN	32.4	FLSH LGHT U	6.4
313	65.00	AT HARDIN	BIG HORN	2	848	CB & Q	32.4	FLSH LGHT R	6.4
469	.01	AT BEGINNING OF ROUTE	ROOSEVELT	2	94	GRT NRTHN	6.4	XBUCK V<500	6.4
47	5.90	ANACONDA CUTOFF	DEER LODGE	2	1077	NRTHN PAC	31.5	FLSH LGHT R	6.3
496	5.65	AT MCCABE	ROOSEVELT	1	55	GRT NRTHN	6.2	XBUCK V<500	6.2
327	13.00	MILE 13.0 ON ROUTE	ROOSEVELT	2	94	GRT NRTHN	6.0	XBUCK V<500	6.0
359	2.00	S OF CARDWELL	MADISON	2	220	CM ST P&P	30.0	FLSH LGHT R	6.0
505	6.80	AT HANOVER	FERGUS	1	71	CM ST P&P	6.0	XBUCK V<500	6.0
441	3.00	W OF GREGSON	SILVER BOW	2	100	BA & P	5.8	XBUCK V<500	5.8
463	.10	AT LODGE GRASS	BIG HORN	1	351	CB & Q	29.0	FLSH LGHT U	5.8
10	113.05	15 ST 9 AVE GREAT FALLS	CASCADE	1	5590	GRT NRTHN	28.8	FLSH LGHT U	5.7
3	464.03	MONTANA ST. HELENA	LEWIS AND CLA	1	3429	NRTHN PAC	51.2	GATES URBAN	5.6
242	43.60	AT LORING	PHILLIPS	1	80	GRT NRTHN	5.6	XBUCK V<500	5.6
248	39.68	NEAR GLENTANA	VALLEY	2	64	GRT NRTHN	5.6	XBUCK V<500	5.6
422	2.00	AT SILVER STAR	MADISON	2	78	NRTHN PAC	5.6	XBUCK V<500	5.6
426	.05	AT MOCCASIN	JUDITH BASIN	2	90	GRT NRTHN	5.6	XBUCK V<500	5.6
507	17.00	MILE 17.0 ON ROUTE	MISSOULA	2	104	NRTHN PAC	28.2	FLSH LGHT R	5.6
359	.07	AT CARDWELL	JEFFERSON	1	424	NRTHN PAC	27.5	FLSH LGHT U	5.5
15	326.70	1.1 MI. W OF GLENDIVE	DAWSON	2	7851	NRTHN PAC	27.0	FLSH LGHT U	5.4
241	42.90	AT TURNER	BLAINE	1	81	GRT NRTHN	5.4	XBUCK URBAN	5.4

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
520	.20	MILE 0.2 ON ROUTE	MINERAL	2	30	CM ST P&P	9.4	STOP V<500	5.4
294	1.80	1.8 MILE ON ROUTE	MEAGHER	2	86	WSS & YP	5.2	XBUCK V<500	5.2
2	105.10	BROADWAY-MISSOULA	MISSOULA	1	13448	NRTHN PAC	25.2	FLSH LGHT U	5.0
274	1.00	MILE 1.0 ON ROUTE	DEER LODGE	2	425	BA & P	25.0	FLSH LGHT R	5.0
438	53.80	AT GLENTANA	VALLEY	1	64	GRT NRTHN	5.0	XBUCK V<500	5.0
27	35.50	MAIN ST. BAKER	FALLON	1	2272	CM ST P&P	44.8	GATES URBAN	4.9
521	1.10	AT GREAT FALLS	CASCADE	1	4062	CM ST P&P	24.8	FLSH LGHT U	4.9
1	279.85	MAIN ST.-SHELBY	TOOLE	1	2688	GRT NRTHN	24.0	FLSH LGHT U	4.8
273	13.10	AT GALEN	DEER LODGE	2	374	NRTHN PAC	24.0	FLSH LGHT R	4.8
330	37.80	AT CASCADE	CASCADE	1	457	GRT NRTHN	24.0	FLSH LGHT U	4.8
247	.03	NEAR BEGINNING OF ROUTE	VALLEY	2	368	GRT NRTHN	42.0	GATES RURAL	4.6
296	2.99	AT TWO DOT	WHEATLAND	1	178	CM ST P&P	42.4	GATES URBAN	4.6
375	7.65	AT BUTTE	SILVER BOW	1	4171	GRT NRTHN	23.2	FLSH LGHT U	4.6
460	.40	AT GOLD CREEK	POWELL	1	115	CM ST P&P	23.4	FLSH LGHT U	4.6
526	.37	MILE 0.3 ON ROUTE	GALLATIN	2	50	NRTHN PAC	8.1	STOP V<500	4.6
2	172.67	4.1 MI. W OF GARRISON	POWELL	2	2571	NRTHN PAC	22.4	FLSH LGHT R	4.4
9	.02	0.3 MI. W OF WOLFCREEK	LEWIS AND CLA	2	1348	GRT NRTHN	22.2	FLSH LGHT R	4.4
227	2.00	MILE 2.0 ON ROUTE	CASCADE	2	650	GRT NRTHN	22.2	FLSH LGHT R	4.4
387	1.20	AT FORT BENTON	CHOTEAU	1	388	GRT NRTHN	22.0	FLSH LGHT U	4.4
15	81.48	9TH ST. LEWISTOWN	FERGUS	1	4906	CM ST P&P	20.8	FLSH LGHT U	4.1
38	6.38	1.1 MI. W OF COL. FALLS	FLATHEAD	2	3333	GRT NRTHN	20.8	FLSH LGHT R	4.1
21	47.20	1.1 MI S OF CONRAD	PONDERA	2	1960	GRT NRTHN	20.3	FLSH LGHT R	4.0
459	3.00	MILE 3.0 ON ROUTE	CASCADE	2	838	GRT NRTHN	19.8	FLSH LGHT R	3.9
507	20.20	MILE 20.2 ON ROUTE	MINERAL	2	230	CM ST P&P	34.0	GATES RURAL	3.7
518	2.40	MILE 2.4 ON ROUTE	JEFFERSON	2	148	GRT NRTHN	18.6	FLSH LGHT R	3.7
522	1.80	MILE 1.8 ON ROUTE	YELLOWSTONE	2	324	CB & Q	34.0	GATES RURAL	3.7
275	2.33	NEAR JCT US # 10	DEER LODGE	2	160	NRTHN PAC	18.0	FLSH LGHT R	3.6
432	.04	AT BIG SANDY	CHOTEAU	1	316	GRT NRTHN	18.0	FLSH LGHT U	3.6
276	.70	AT BUTTE	SILVER BOW	1	3176	BA & P	32.0	GATES URBAN	3.5
297	8.58	AT HEDGESVILLE	WHEATLAND	2	30	GRT NRTHN	3.5	XBUCK V<500	3.5
1	657.12	2.0 MI W OF BAINVILLE	ROOSEVELT	2	735	GRT NRTHN	17.4	FLSH LGHT R	3.4
53	.01	27TH. ST. BILLINGS (SPUR)	YELLOWSTONE	1	2325	NRTHN PAC	16.8	FLSH LGHT U	3.3
224	.33	AT JOPLIN	LIBERTY	1	400	GRT NRTHN	30.0	GATES URBAN	3.3
393	3.50	MILE 3.5 ON ROUTE	SILVER BOW	2	131	CM ST P&P	16.2	FLSH LGHT R	3.2
294	26.93	AT MARTINSDALE	MEAGHER	2	95	CM ST P&P	15.6	FLSH LGHT R	3.1
2	462.20	1ST AVE N-21ST ST BILLING	YELLOWSTONE	1	10108	NRTHN PAC	15.3	FLSH LGHT U	3.0

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
20	32.60	0.5 MI. N OF SAVAGE	RICHLAND	2	874	NRTHN PAC	15.0	FLSH LGHT R	3.0
10	113.15	14 ST 11 AVE GREAT FALLS	CASCADE	1	5360	CM ST P&P	14.4	FLSH LGHT U	2.8
24	.85	N. OF BONNER	MISSOULA	1	2570	CM ST P&P	14.4	FLSH LGHT U	2.8
221	24.25	AT DUTTON	TETON	2	220	GRT NRTHN	13.0	FLSH LGHT R	2.6
279	8.12	AT SILVER CITY	LEWIS AND CLA	2	233	GRT NRTHN	13.0	FLSH LGHT R	2.6
2	112.80	0.3 MI W OF BONNER	MISSOULA	2	790	NRTHN PAC	12.6	FLSH LGHT R	2.5
448	.05	AT BOX ELDER	HILL	1	167	GRT NRTHN	22.8	GATES URBAN	2.5
294	8.00	2.0 MILE E OF LOWETH	MEAGHER	2	70	CM ST P&P	12.0	FLSH LGHT R	2.4
320	5.90	AT ISMAY	CUSTER	2	80	CM ST P&P	12.0	FLSH LGHT R	2.4
446	1.30	AT CARTERSVILLE	ROSEBUD	2	137	CM ST P&P	21.6	GATES RURAL	2.3
2	561.55	COLSTRIP BRANCH	ROSEBUD	2	180	NRTHN PAC	10.8	FLSH LGHT R	2.1
509	.20	AT MONIDA	BEAVERHEAD	1	102	UNION PAC	10.2	FLSH LGHT U	2.0
218	.10	AT CONRAD	PONDERA	1	907	GRT NRTHN	18.0	GATES URBAN	1.9
366	5.93	AT LEDGER	PONDERA	2	180	GRT NRTHN	10.0	GATES RURAL	1.1

LISTING BY RAILROAD IN DESCENDING ORDER OF ADJUSTED HAZARD INDEX

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
2	236.05	UTAH ST. BUTTE	SILVER BOW	1	9694	GRT NRTHN	153.0	XBUCK URBAN	153.0
5	112.35	MAIN ST. KALISPELL	FLATHEAD	1	8660	GRT NRTHN	121.5	XBUCK URBAN	121.5
5	108.28	3.0 MI N OF SOMERS	FLATHEAD	2	4214	GRT NRTHN	83.7	XBUCK RURAL	83.7
24	139.60	JCT. OF RTES. 3 AND 24	CASCADE	2	2353	GRT NRTHN	72.0	XBUCK RURAL	72.0
43	.35	CORCORAN ST. LEWISTOWN	FERGUS	1	2334	GRT NRTHN	72.0	XBUCK URBAN	72.0
409	.10	AT BEGINNING OF ROUTE	LIBERTY	2	120	GRT NRTHN	69.0	XBUCK V<500	69.0
498	1.90	AT GREAT FALLS	CASCADE	1	3439	GRT NRTHN	64.8	XBUCK URBAN	64.8
1	404.50	0.6 MI E OF CHINOOK	BLAINE	2	1929	GRT NRTHN	56.7	NONE	62.3
1	404.35	0.5 MI E OF CHINOOK	BLAINE	2	1982	GRT NRTHN	58.8	XBUCK RURAL	58.8
1	404.58	0.7 MI E OF CHINOOK	BLAINE	2	1929	GRT NRTHN	56.7	XBUCK RURAL	56.7
24	134.05	0.5 MI. E OF FORT SHAW	CASCADE	2	1351	GRT NRTHN	55.8	XBUCK RURAL	55.8
444	.03	AT BEGINNING OF ROUTE	GLACIER	2	138	GRT NRTHN	55.5	XBUCK V<500	55.5
40	.68	0.1 MI. N OF GREAT FALLS	CASCADE	1	11230	GRT NRTHN	51.3	XBUCK URBAN	51.3
503	11.80	2.0 MILE S OF KALISPELL	FLATHEAD	2	541	GRT NRTHN	50.4	XBUCK V<500	50.4
221	.70	AT CHOTEAU	TETON	1	1152	GRT NRTHN	48.6	XBUCK URBAN	48.6
503	.25	AT BEGINNING OF ROUTE	FLATHEAD	1	1429	GRT NRTHN	48.6	XBUCK URBAN	48.6
327	3.57	MILE 3.5 ON ROUTE	ROOSEVELT	2	80	GRT NRTHN	48.0	XBUCK V<500	48.0
10	113.10	14 ST 10 AVE GREAT FALLS	CASCADE	1	5360	GRT NRTHN	45.9	XBUCK URBAN	45.9
503	1.00	MILE 1.0 ON ROUTE	FLATHEAD	2	438	GRT NRTHN	40.5	XBUCK V<500	40.5
219	1.65	AT PENDROY	TETON	1	219	GRT NRTHN	39.0	XBUCK URBAN	39.0
9	40.57	0.3 MI. S OF GILMAN	LEWIS AND CLA	2	466	GRT NRTHN	37.5	XBUCK V<500	37.5
213	.15	AT CUTBANK	GLACIER	1	3186	GRT NRTHN	264.0	GATES URBAN	29.0
343	.66	AT GALATA	TOOLE	2	285	GRT NRTHN	145.0	FLSH LGHT U	29.0
3	463.80	MONTANA ST. HELENA	LEWIS AND CLA	1	3067	GRT NRTHN	124.0	FLSH LGHT U	24.8
206	2.30	2.5 MI E OF KALISPELL	FLATHEAD	2	2280	GRT NRTHN	24.8	XBUCK RURAL	24.8
249	10.30	AT NASHUA	VALLEY	1	1935	GRT NRTHN	224.0	GATES URBAN	24.6
10	3.53	CENTRAL AVE W GREAT FALLS	CASCADE	1	19700	GRT NRTHN	121.5	FLSH LGHT U	24.3
239	.20	AT HOBSON	JUDITH BASIN	1	546	GRT NRTHN	24.0	XBUCK URBAN	24.0
3	283.61	6TH ST. GREAT FALLS	CASCADE	1	6714	GRT NRTHN	117.0	FLSH LGHT U	23.4
241	.04	AT HARLEM	BLAINE	1	859	GRT NRTHN	210.0	GATES URBAN	23.1
32	2.80	0.1 MI. E OF MACON	ROOSEVELT	2	279	GRT NRTHN	115.0	FLSH LGHT R	23.0
32	51.32	AT SCOBEY	DANIELS	1	2011	GRT NRTHN	22.4	XBUCK URBAN	22.4
246	4.60	AT PAISLEY	VALLEY	2	183	GRT NRTHN	106.0	FLSH LGHT R	21.2
231	.35	AT RUDYARD	HILL	1	762	GRT NRTHN	186.0	GATES URBAN	20.4
215	4.85	AT KEVIN MAIN ST	TOOLE	1	419	GRT NRTHN	20.0	XBUCK URBAN	20.0
449	.45	AT GILDFORD	HILL	1	248	GRT NRTHN	180.0	GATES URBAN	19.8

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
20	47.90	4.0 MI. S OF SIDNEY	RICHLAND	2	1546	GRT NRTHN	18.2	XBUCK RURAL	18.2
1	497.86	1.6 MI. W OF SACO	PHILLIPS	2	1163	GRT NRTHN	18.0	XBUCK RURAL	18.0
230	65.55	AT STANFORD	JUDITH BASIN	2	370	GRT NRTHN	17.5	XBUCK V<500	17.5
208	.03	NEAR JCT FAP 5	FLATHEAD	2	1314	GRT NRTHN	17.4	XBUCK RURAL	17.4
330	.20	AT ULM	CASCADE	2	218	GRT NRTHN	17.0	XBUCK V<500	17.0
404	.01	AT BROCKTON	ROOSEVELT	1	237	GRT NRTHN	155.0	GATES URBAN	17.0
327	.24	AT BAINVILLE	ROOSEVELT	1	466	GRT NRTHN	150.0	GATES URBAN	16.5
22	75.30	AT FROID	ROOSEVELT	2	747	GRT NRTHN	16.2	XBUCK RURAL	16.2
254	65.90	AT RICHEY ON FAS SPUR	DAWSON	1	503	GRT NRTHN	16.2	XBUCK URBAN	16.2
426	3.60	MILE 3.6 ON ROUTE	JUDITH BASIN	2	65	GRT NRTHN	16.2	XBUCK V<500	16.2
511	.08	AT FLAXVILLE	DANIELS	1	674	GRT NRTHN	16.2	XBUCK URBAN	16.2
1	540.30	1.5 MI W OF GLASGOW	VALLEY	2	2511	GRT NRTHN	79.2	FLSH LGHT R	15.8
435	.30	AT AUGUSTA	LEWIS AND CLA	1	69	GRT NRTHN	15.6	XBUCK URBAN	15.6
247	50.60	AT OPHEIM	VALLEY	1	934	GRT NRTHN	15.0	XBUCK URBAN	15.0
254	43.50	AT RICHEY	DAWSON	1	331	GRT NRTHN	15.0	XBUCK URBAN	15.0
431	18.55	AT POWER	TETON	1	311	GRT NRTHN	15.0	XBUCK URBAN	15.0
518	1.60	MILE 1.6 ON ROUTE	JEFFERSON	2	256	GRT NRTHN	14.5	XBUCK V<500	14.5
486	1.40	NEAR COLUMBIA FALLS	FLATHEAD	2	1695	GRT NRTHN	126.0	GATES RURAL	13.8
22	14.15	8.2 MI. W OF REDSTONE	DANIELS	2	356	GRT NRTHN	12.5	XBUCK V<500	12.5
344	.10	AT FROID	ROOSEVELT	2	195	GRT NRTHN	12.4	XBUCK V<500	12.4
214	.05	AT SUNBURST	TOOLE	1	170	GRT NRTHN	11.6	XBUCK URBAN	11.6
247	8.00	MILE 8.0 ON ROUTE	VALLEY	2	1780	GRT NRTHN	54.6	FLSH LGHT R	10.9
51	39.94	2.3 MI W OF ENID	RICHLAND	2	175	GRT NRTHN	10.8	XBUCK V<500	10.8
350	1.90	AT HOMESTEAD	SHERIDAN	2	143	GRT NRTHN	9.6	XBUCK V<500	9.6
325	.02	AT BEGINNING OF ROUTE	BLAINE	2	138	GRT NRTHN	87.0	GATES RURAL	9.5
299	5.50	AT FRANKLIN	GOLDEN VALLEY	2	51	GRT NRTHN	8.2	XBUCK V<500	8.2
10	113.10	15 ST 10 AVE GREAT FALLS	CASCADE	1	5390	GRT NRTHN	40.5	FLSH LGHT U	8.1
495	9.50	MILE 9.5 ON ROUTE	CASCADE	2	135	GRT NRTHN	8.1	XBUCK V<500	8.1
436	.03	AT ZURICH	BLAINE	1	130	GRT NRTHN	72.0	GATES URBAN	7.9
241	32.00	E OF TURNER	BLAINE	2	110	GRT NRTHN	7.5	XBUCK V<500	7.5
10	2.27	0.3 MI. N OF GREAT FALLS	CASCADE	2	10658	GRT NRTHN	32.4	FLSH LGHT R	6.4
10	113.05	14 ST 9 AVE GREAT FALLS	CASCADE	1	5360	GRT NRTHN	32.4	FLSH LGHT U	6.4
469	.01	AT BEGINNING OF ROUTE	ROOSEVELT	2	94	GRT NRTHN	6.4	XBUCK V<500	6.4
496	5.65	AT MCCABE	ROOSEVELT	1	55	GRT NRTHN	6.2	XBUCK V<500	6.2
327	13.00	MILE 13.0 ON ROUTE	ROOSEVELT	2	94	GRT NRTHN	6.0	XBUCK V<500	6.0
10	113.05	15 ST 9 AVE GREAT FALLS	CASCADE	1	5590	GRT NRTHN	28.8	FLSH LGHT U	5.7

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
242	43.60	AT LORING	PHILLIPS	1	80	GRT NRTHN	5.6	XBUCK V<500	5.6
248	39.68	NEAR GLENTANA	VALLEY	2	64	GRT NRTHN	5.6	XBUCK V<500	5.6
426	.05	AT MOCCASIN	JUDITH BASIN	2	90	GRT NRTHN	5.6	XBUCK V<500	5.6
241	42.90	AT TURNER	BLAINE	1	81	GRT NRTHN	5.4	XBUCK URBAN	5.4
438	53.80	AT GLENTANA	VALLEY	1	64	GRT NRTHN	5.0	XBUCK V<500	5.0
1	279.85	MAIN ST.-SHELBY	TOOLE	1	2688	GRT NRTHN	24.0	FLSH LGHT U	4.8
330	37.80	AT CASCADE	CASCADE	1	457	GRT NRTHN	24.0	FLSH LGHT U	4.8
247	.03	NEAR BEGINNING OF ROUTE	VALLEY	2	368	GRT NRTHN	42.0	GATES RURAL	4.6
375	7.65	AT BUTTE	SILVER BOW	1	4171	GRT NRTHN	23.2	FLSH LGHT U	4.6
9	.02	0.3 MI. W OF WOLFCREEK	LEWIS AND CLA	2	1348	GRT NRTHN	22.2	FLSH LGHT R	4.4
227	2.00	MILE 2.0 ON ROUTE	CASCADE	2	650	GRT NRTHN	22.2	FLSH LGHT R	4.4
387	1.20	AT FORT BENTON	CHOTEAU	1	388	GRT NRTHN	22.0	FLSH LGHT U	4.4
38	6.38	1.1 MI. W OF COL. FALLS	FLATHEAD	2	3333	GRT NRTHN	20.8	FLSH LGHT R	4.1
21	47.20	1.1 MI S OF CONRAD	PONDERA	2	1960	GRT NRTHN	20.3	FLSH LGHT R	4.0
459	3.00	MILE 3.0 ON ROUTE	CASCADE	2	838	GRT NRTHN	19.8	FLSH LGHT R	3.9
518	2.40	MILE 2.4 ON ROUTE	JEFFERSON	2	148	GRT NRTHN	18.6	FLSH LGHT R	3.7
432	.04	AT BIG SANDY	CHOTEAU	1	316	GRT NRTHN	18.0	FLSH LGHT U	3.6
297	8.58	AT HEDGESVILLE	WHEATLAND	2	30	GRT NRTHN	3.5	XBUCK V<500	3.5
1	657.12	2.0 MI W OF BAINVILLE	ROOSEVELT	2	735	GRT NRTHN	17.4	FLSH LGHT R	3.4
224	.33	AT JOPLIN	LIBERTY	1	400	GRT NRTHN	30.0	GATES URBAN	3.3
221	24.25	AT DUTTON	TETON	2	220	GRT NRTHN	13.0	FLSH LGHT R	2.6
279	8.12	AT SILVER CITY	LEWIS AND CLA	2	233	GRT NRTHN	13.0	FLSH LGHT R	2.6
448	.05	AT BOX ELDER	HILL	1	167	GRT NRTHN	22.8	GATES URBAN	2.5
218	.10	AT CONRAD	PONDERA	1	907	GRT NRTHN	18.0	GATES URBAN	1.9
366	5.93	AT LEDGER	PONDERA	2	180	GRT NRTHN	10.0	GATES RURAL	1.1
293	1.00	AT BOZEMAN	GALLATIN	1	2412	NRTHN PAC	168.0	XBUCK URBAN	168.0
305	.20	AT BEGINNING OF ROUTE	YELLOWSTONE	2	354	NRTHN PAC	150.0	XBUCK V<500	150.0
518	5.40	MILE 5.4 ON ROUTE	LEWIS AND CLA	2	336	NRTHN PAC	127.5	XBUCK V<500	127.5
335	3.80	MILE 3.8 ON ROUTE	DAWSON	2	395	NRTHN PAC	117.5	XBUCK V<500	117.5
481	2.40	AT E HELENA--SPUR	LEWIS AND CLA	1	150	NRTHN PAC	114.0	XBUCK URBAN	114.0
263	15.30	AT FRENCHTOWN	MISSOULA	1	297	NRTHN PAC	102.5	XBUCK V<500	102.5
356	2.50	MILE 2.5 ON ROUTE	LEWIS AND CLA	1	257	NRTHN PAC	102.0	XBUCK V<500	102.0
311	17.80	AT MYERS	TREASURE	2	175	NRTHN PAC	96.0	XBUCK V<500	96.0
356	4.50	MILE 4.5 ON ROUTE	LEWIS AND CLA	2	171	NRTHN PAC	84.0	XBUCK V<500	84.0
310	.20	AT CUSTER	YELLOWSTONE	2	139	NRTHN PAC	79.5	XBUCK V<500	79.5
35	.10	AT GRANTSDALE	RAVALLI	1	866	NRTHN PAC	78.3	XBUCK URBAN	78.3

STATE HIGHWAY COMMISSION OF MONTANA
PLANNING SURVEY SECTION

FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
13	65.40	AT NORRIS	MADISON	2	526	NRTHN PAC	77.4	XBUCK RURAL	77.4
28	10.17	5TH ST-RED LODGE	CARBON	1	2319	NRTHN PAC	76.8	XBUCK URBAN	76.8
7	47.53	N. OF HAMILTON-DEPOT	RAVALLI	1	5469	NRTHN PAC	72.9	XBUCK URBAN	72.9
17	72.11	1.9 MI. W OF GLENDIVE	DAWSON	2	3681	NRTHN PAC	72.0	XBUCK RURAL	72.0
478	.10	AT GREYCLIFF	SWEET GRASS	2	65	NRTHN PAC	69.6	XBUCK V<500	69.6
440	.80	NEAR BUTTE	SILVER BOW	2	374	NRTHN PAC	67.5	XBUCK V<500	67.5
2	464.75	1.5 MI. E OF BILLINGS	YELLOWSTONE	1	11189	NRTHN PAC	64.8	XBUCK URBAN	64.8
4	28.90	2.8 MI. N OF BRIDGER	CARBON	2	1536	NRTHN PAC	63.0	XBUCK RURAL	63.0
4	26.80	0.7 MI. E OF BRIDGER	CARBON	2	1540	NRTHN PAC	58.8	XBUCK RURAL	58.8
4	42.65	AT ROCKVALE	CARBON	2	1693	NRTHN PAC	58.8	XBUCK RURAL	58.8
357	.05	AT ALDER	MADISON	1	270	NRTHN PAC	57.0	XBUCK V<500	57.0
53	.95	27TH. ST. BILLINGS (MAIN)	YELLOWSTONE	1	8113	NRTHN PAC	283.5	FLSH LGHT U	56.7
11	77.17	1.5 MI. N OF CLYDE PARK	PARK	2	530	NRTHN PAC	55.8	XBUCK RURAL	55.8
28	30.38	0.5 MI. W OF BOYD	CARBON	2	940	NRTHN PAC	55.8	XBUCK RURAL	55.8
28	37.03	1.3 MI. E OF JOLIET	CARBON	2	1310	NRTHN PAC	55.8	XBUCK RURAL	55.8
28	35.73	AT JOLIET SPUR	CARBON	1	1310	NRTHN PAC	54.0	XBUCK URBAN	54.0
29	23.08	S. OF ALDER	MADISON	2	523	NRTHN PAC	54.0	XBUCK RURAL	54.0
373	2.30	NEAR CORVALLIS	RAVALLI	2	283	NRTHN PAC	52.5	XBUCK V<500	52.5
512	.01	AT HALL	GRANITE	1	170	NRTHN PAC	51.6	XBUCK URBAN	51.6
303	5.90	AT WORDEN	YELLOWSTONE	1	77	NRTHN PAC	51.0	XBUCK URBAN	51.0
13	65.30	AT-NORRIS	MADISON	2	526	NRTHN PAC	50.4	XBUCK RURAL	50.4
303	15.95	E OF NIBBE	YELLOWSTONE	2	89	NRTHN PAC	49.0	XBUCK V<500	49.0
2	348.89	W. PARK ST. LIVINGSTON	PARK	1	1115	NRTHN PAC	48.6	XBUCK URBAN	48.6
19	38.50	AT PHILLIPSBURG	GRANITE	2	559	NRTHN PAC	48.6	XBUCK RURAL	48.6
29	37.18	3.7 MI. N OF SHERIDAN	MADISON	2	684	NRTHN PAC	48.6	XBUCK RURAL	48.6
19	55.02	2.5 MI. S OF HALL	GRANITE	2	481	NRTHN PAC	48.0	XBUCK V<500	48.0
203	6.50	AT FLORENCE	RAVALLI	2	392	NRTHN PAC	48.0	XBUCK V<500	48.0
28	10.04	3RD ST-RED LODGE	CARBON	1	1368	NRTHN PAC	46.8	XBUCK URBAN	46.8
253	44.70	AT BROCKWAY	MC CONE	2	346	NRTHN PAC	46.5	XBUCK V<500	46.5
7	91.35	2.0 MI. S OF MISSOULA	MISSOULA	2	4757	NRTHN PAC	46.4	XBUCK RURAL	46.4
6	51.75	0.5 MI E OF THOMP FALLS	SANDERS	2	954	NRTHN PAC	45.0	XBUCK RURAL	45.0
7	31.65	0.8 MI. N OF DARBY	RAVALLI	2	1818	NRTHN PAC	45.0	XBUCK RURAL	45.0
289	20.26	NEAR BEGINNING	MADISON	2	290	NRTHN PAC	45.0	XBUCK V<500	45.0
14	270.78	AT FORSYTH	ROSEBUD	1	606	NRTHN PAC	218.4	FLSH LGHT U	43.6
346	.10	AT MANHATTAN	GALLATIN	1	1578	NRTHN PAC	218.4	FLSH LGHT U	43.6
2	349.93	PARK-K ST LIVINGSTON	PARK	1	5131	NRTHN PAC	43.2	XBUCK URBAN	43.2

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
13	75.80	AT HARRISON	MADISON	1	471	NRTHN PAC	42.0	XBUCK URBAN	42.0
13	77.00	1.1 MI. N OF HARRISON	MADISON	2	464	NRTHN PAC	42.0	XBUCK V<500	42.0
19	53.30	4.2 MI. S OF DRUMMOND	GRANITE	2	481	NRTHN PAC	42.0	XBUCK V<500	42.0
289	.04	AT ANCENCY	GALLATIN	2	315	NRTHN PAC	42.0	XBUCK V<500	42.0
8	77.73	AT TOWNSEND	BROADWATER	1	1348	NRTHN PAC	40.8	XBUCK URBAN	40.8
13	74.80	1.0 MI. S OF HARRISON	MADISON	2	471	NRTHN PAC	39.0	XBUCK V<500	39.0
367	.50	MILE 0.5 ON ROUTE	RAVALLI	2	208	NRTHN PAC	39.0	XBUCK V<500	39.0
536	.04	MILE 0.4 ON ROUTE	GALLATIN	2	1609	NRTHN PAC	193.2	FLSH LGHT R	38.6
372	.30	NEAR STEVENSVILLE	RAVALLI	2	410	NRTHN PAC	37.5	XBUCK V<500	37.5
2	348.86	W. PARK ST. LIVINGSTON	PARK	1	1115	NRTHN PAC	36.0	XBUCK URBAN	36.0
291	7.46	AT BELGRADE	GALLATIN	2	586	NRTHN PAC	176.4	FLSH LGHT R	35.2
302	21.50	AT MOLT	STILLWATER	2	157	NRTHN PAC	34.8	XBUCK V<500	34.8
481	2.50	AT E HELENA-MAIN	LEWIS AND CLA	1	1109	NRTHN PAC	171.0	FLSH LGHT U	34.2
264	.70	AT MISSOULA	MISSOULA	1	3652	NRTHN PAC	168.0	FLSH LGHT U	33.6
421	18.00	NEAR JOLIET	CARBON	2	164	NRTHN PAC	33.6	XBUCK V<500	33.6
307	46.60	AT COLUMBUS	STILLWATER	1	1154	NRTHN PAC	163.8	FLSH LGHT U	32.7
263	15.27	AT FRENCHTOWN	MISSOULA	1	297	NRTHN PAC	145.0	FLSH LGHT U	29.0
377	3.00	AT BEGINNING OF ROUTE	RAVALLI	2	168	NRTHN PAC	28.8	XBUCK V<500	28.8
262	3.00	3.0 MI W OF SUPERIOR	MINERAL	2	72	NRTHN PAC	28.0	XBUCK V<500	28.0
290	.46	AT BELGRADE	GALLATIN	1	645	NRTHN PAC	241.2	GATES URBAN	26.5
446	.10	AT BEGINNING OF ROUTE	ROSEBUD	2	247	NRTHN PAC	127.5	FLSH LGHT R	25.5
390	3.10	AT BEGINNING OF ROUTE	MISSOULA	1	5948	NRTHN PAC	25.2	XBUCK URBAN	25.2
211	.73	0.7 MI W OF RONAN	LAKE	2	706	NRTHN PAC	24.0	XBUCK RURAL	24.0
390	.20	12TH. ST.-MISSOULA	MISSOULA	1	1023	NRTHN PAC	23.8	XBUCK URBAN	23.8
340	1.20	AT BEGINNING OF ROUTE	PRAIRIE	2	207	NRTHN PAC	117.5	FLSH LGHT R	23.5
359	13.16	12 SE OF CARDWELL	MADISON	2	130	NRTHN PAC	23.4	XBUCK V<500	23.4
253	.11	AT TERRY	PRAIRIE	2	268	NRTHN PAC	112.5	FLSH LGHT R	22.5
388	.20	AT BEGINNING OF ROUTE	RAVALLI	2	140	NRTHN PAC	22.5	XBUCK V<500	22.5
269	.05	AT HAMILTON	RAVALLI	1	283	NRTHN PAC	105.0	FLSH LGHT U	21.0
2	450.00	1ST. AVE & STATE BILLINGS	YELLOWSTONE	1	10966	NRTHN PAC	20.7	XBUCK URBAN	20.7
467	.10	AT BEGINNING OF ROUTE	MC CONE	2	70	NRTHN PAC	18.0	XBUCK V<500	18.0
2	102.76	4.0 MI W OF MISSOULA	MISSOULA	2	2611	NRTHN PAC	89.6	FLSH LGHT R	17.9
422	5.00	MILE 5.0 ON ROUTE	MADISON	2	70	NRTHN PAC	17.4	XBUCK V<500	17.4
441	2.00	E OF GREGSON	SILVER BOW	2	137	NRTHN PAC	17.4	XBUCK V<500	17.4
467	33.90	AT END OF ROUTE	DAWSON	2	60	NRTHN PAC	17.4	XBUCK V<500	17.4
2	115.88	3.3 MI. E OF BONNER	MISSOULA	2	210	NRTHN PAC	153.0	GATES RURAL	16.8

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
383	.05	AT BEGINNING OF ROUTE	RAVALLI	1	2089	NRTHN PAC	84.0	FLSH LGHT U	16.8
422	4.50	MILE 4.5 ON ROUTE	MADISON	2	70	NRTHN PAC	16.8	XBUCK V<500	16.8
422	5.10	MILE 5.1 ON ROUTE	MADISON	2	70	NRTHN PAC	16.8	XBUCK V<500	16.8
460	.50	AT GOLD CREEK	POWELL	1	115	NRTHN PAC	82.5	FLSH LGHT U	16.5
53	1.27	27TH. ST. BILLINGS (SPUR)	YELLOWSTONE	1	8036	NRTHN PAC	16.2	XBUCK URBAN	16.2
265	2.60	NEAR MISSOULA	MISSOULA	1	6398	NRTHN PAC	81.0	FLSH LGHT U	16.2
346	.40	AT MANHATTAN	GALLATIN	1	1076	NRTHN PAC	16.2	XBUCK URBAN	16.2
293	.80	NEAR BOZEMAN	GALLATIN	1	2412	NRTHN PAC	144.0	GATES URBAN	15.8
212	11.98	AT MOIESE	LAKE	2	270	NRTHN PAC	15.0	XBUCK V<500	15.0
315	39.50	14.0 MILE ON ROUTE	ROSEBUD	2	105	NRTHN PAC	15.0	XBUCK V<500	15.0
502	.10	AT BEGINNING OF ROUTE	YELLOWSTONE	2	200	NRTHN PAC	132.0	GATES RURAL	14.5
26	.49	2.6 MI. E OF SIDNEY	RICHLAND	2	790	NRTHN PAC	14.4	XBUCK RURAL	14.4
212	4.20	NE OF CHARLO	LAKE	2	320	NRTHN PAC	14.0	XBUCK RURAL	14.0
407	3.50	AT END OF ROUTE	POWELL	2	80	NRTHN PAC	70.0	FLSH LGHT R	14.0
2	1.98	4.5 MI. W OF TAFT	MINERAL	2	1788	NRTHN PAC	67.2	FLSH LGHT R	13.4
518	5.70	MILE 5.7 ON ROUTE	LEWIS AND CLA	2	336	NRTHN PAC	122.5	GATES RURAL	13.4
2	5.50	0.9 MI. W OF TAFT	MINERAL	2	1802	NRTHN PAC	65.1	FLSH LGHT R	13.0
11	48.80	5.2 MI. S OF LIVINGSTON	PARK	2	1490	NRTHN PAC	55.8	FLSH LGHT R	11.1
11	49.34	4.7 MI. S OF LIVINGSTON	PARK	2	1490	NRTHN PAC	55.8	FLSH LGHT R	11.1
401	12.09	AT END OF ROUTE	JEFFERSON	2	580	NRTHN PAC	55.8	FLSH LGHT R	11.1
315	42.50	9.0 MILE ON ROUTE	ROSEBUD	2	151	NRTHN PAC	10.8	XBUCK V<500	10.8
335	1.60	MILE 1.6 ON ROUTE	DAWSON	2	589	NRTHN PAC	10.8	XBUCK RURAL	10.8
2	302.50	0.6 MI E OF MANHATTAN	GALLATIN	2	535	NRTHN PAC	10.2	XBUCK RURAL	10.2
268	.45	AT STEVENSVILLE	RAVALLI	1	561	NRTHN PAC	48.6	FLSH LGHT U	9.7
2	303.70	E OF MANHATTAN	GALLATIN	2	535	NRTHN PAC	9.6	XBUCK RURAL	9.6
287	4.50	MILE 5.0 ON ROUTE	GALLATIN	2	357	NRTHN PAC	48.0	FLSH LGHT R	9.6
335	.75	AT GLENDIVE	DAWSON	1	1039	NRTHN PAC	9.6	XBUCK URBAN	9.6
335	1.50	MILE 1.5 ON ROUTE	DAWSON	2	589	NRTHN PAC	9.6	XBUCK RURAL	9.6
269	5.08	AT CORVALLIS	RAVALLI	2	1560	NRTHN PAC	43.5	FLSH LGHT R	8.7
272	.03	AT AVON	POWELL	2	150	NRTHN PAC	73.5	GATES RURAL	8.0
6	82.52	0.3 MI. E OF PARADISE	SANDERS	2	674	NRTHN PAC	33.6	FLSH LGHT R	6.7
47	5.90	ANACONDA CUTOFF	DEER LODGE	2	1077	NRTHN PAC	31.5	FLSH LGHT R	6.3
3	464.03	MONTANA ST. HELENA	LEWIS AND CLA	1	3429	NRTHN PAC	51.2	GATES URBAN	5.6
422	2.00	AT SILVER STAR	MADISON	2	78	NRTHN PAC	5.6	XBUCK V<500	5.6
507	17.00	MILE 17.0 ON ROUTE	MISSOULA	2	104	NRTHN PAC	28.2	FLSH LGHT R	5.6
359	.07	AT CARDWELL	JEFFERSON	1	424	NRTHN PAC	27.5	FLSH LGHT U	5.5

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
15	326.70	1.1 MI. W OF GLENDIVE	DAWSON	2	7851	NRTHN PAC	27.0	FLSH LGHT U	5.4
2	105.10	BROADWAY-MISSOULA	MISSOULA	1	13448	NRTHN PAC	25.2	FLSH LGHT U	5.0
273	13.10	AT GALEN	DEER LODGE	2	374	NRTHN PAC	24.0	FLSH LGHT R	4.8
526	.37	MILE 0.3 ON ROUTE	GALLATIN	2	50	NRTHN PAC	8.1	STOP V<500	4.6
2	172.67	4.1 MI. W OF GARRISON	POWELL	2	2571	NRTHN PAC	22.4	FLSH LGHT R	4.4
275	2.33	NEAR JCT US # 10	DEER LODGE	2	160	NRTHN PAC	18.0	FLSH LGHT R	3.6
53	.01	27TH. ST. BILLINGS (SPUR)	YELLOWSTONE	1	2325	NRTHN PAC	16.8	FLSH LGHT U	3.3
2	462.20	1ST AVE N-21ST ST BILLING	YELLOWSTONE	1	10108	NRTHN PAC	15.3	FLSH LGHT U	3.0
20	32.60	0.5 MI. N OF SAVAGE	RICHLAND	2	874	NRTHN PAC	15.0	FLSH LGHT R	3.0
2	112.80	0.3 MI W OF BONNER	MISSOULA	2	790	NRTHN PAC	12.6	FLSH LGHT R	2.5
2	561.55	COLSTRIP BRANCH	ROSEBUD	2	180	NRTHN PAC	10.8	FLSH LGHT R	2.1
498	3.10	E OF GREAT FALLS	CASCADE	2	3230	CM ST P&P	67.2	XBUCK RURAL	67.2
394	.03	AT SHAWMUT	WHEATLAND	2	73	CM ST P&P	62.4	XBUCK V<500	62.4
244	24.35	AT WINNET	PETROLEUM	1	539	CM ST P&P	57.6	XBUCK URBAN	57.6
50	81.18	AT BOZEMAN HOTSPRINGS	GALLATIN	2	1907	CM ST P&P	56.7	XBUCK RURAL	56.7
3	323.07	0.4 MI. W OF FAIRFIELD	TETON	2	701	CM ST P&P	54.0	XBUCK RURAL	54.0
290	8.00	MILE 8.0 ON ROUTE	GALLATIN	2	245	CM ST P&P	54.0	XBUCK V<500	54.0
221	.70	AT CHOTEAU	TETON	1	1152	CM ST P&P	52.2	XBUCK URBAN	52.2
3	309.95	2.3 MI. W OF DRACUT	CASCADE	2	822	CM ST P&P	50.4	XBUCK RURAL	50.4
16	198.80	AT GRASSRANGE	FERGUS	2	593	CM ST P&P	48.6	XBUCK RURAL	48.6
43	6.10	0.3 MI. W OF BAXTER	FERGUS	2	1125	CM ST P&P	48.6	XBUCK RURAL	48.6
411	1.50	MILE 1.5 ON ROUTE	GALLATIN	2	507	CM ST P&P	48.6	XBUCK RURAL	48.6
300	.01	AT RYEGATE	GOLDEN VALLEY	1	164	CM ST P&P	48.0	XBUCK URBAN	48.0
24	26.90	5.0 MI. W OF JCT. 209	MISSOULA	2	1100	CM ST P&P	46.8	XBUCK RURAL	46.8
43	29.35	1.0 MI. W OF FERGUS	FERGUS	2	226	CM ST P&P	45.0	XBUCK V<500	45.0
236	.03	AT HILGER	FERGUS	1	250	CM ST P&P	43.5	XBUCK V<500	43.5
238	38.00	AT LEWISTOWN	FERGUS	1	1057	CM ST P&P	42.0	XBUCK URBAN	42.0
290	10.50	MILE 10.50 ON ROUTE	GALLATIN	2	168	CM ST P&P	38.4	XBUCK V<500	38.4
43	24.40	0.7 MI. E OF ARMELLS	FERGUS	2	280	CM ST P&P	37.5	XBUCK V<500	37.5
235	1.95	AT BROOKS	FERGUS	2	309	CM ST P&P	37.5	XBUCK V<500	37.5
408	.22	AT FAIRFIELD	TETON	1	305	CM ST P&P	37.5	XBUCK V<500	37.5
411	4.50	MILE 4.5 ON ROUTE	GALLATIN	2	188	CM ST P&P	36.0	XBUCK V<500	36.0
288	3.00	MILE 3.0 ON ROUTE	GALLATIN	2	155	CM ST P&P	34.8	XBUCK V<500	34.8
2	289.65	0.3 MI. E OF THREE FORKS	GALLATIN	2	213	CM ST P&P	30.0	XBUCK V<500	30.0
411	5.80	MILE 5.8 ON ROUTE	GALLATIN	2	153	CM ST P&P	28.8	XBUCK V<500	28.8
290	6.00	MILE 6.0 ON ROUTE	GALLATIN	2	110	CM ST P&P	27.9	XBUCK V<500	27.9

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
290	.38	AT BELGRADE	GALLATIN	1	586	CM ST P&P	27.6	XBUCK URBAN	27.6
238	14.10	5.0 MI N W OF FORESTGROVE	FERGUS	2	70	CM ST P&P	27.0	XBUCK V<500	27.0
290	14.00	1.0 S OF MENARD	GALLATIN	2	106	CM ST P&P	27.0	XBUCK V<500	27.0
290	12.50	MILE 012.50 ON ROUTE	GALLATIN	2	108	CM ST P&P	26.1	XBUCK V<500	26.1
441	1.40	E OF GREGSON	SILVER BOW	2	172	CM ST P&P	23.2	XBUCK V<500	23.2
50	81.02	AT BOZEMAN HOTSPRINGS	GALLATIN	2	1907	CM ST P&P	22.4	XBUCK RURAL	22.4
498	3.30	E OF GREAT FALLS	CASCADE	2	3230	CM ST P&P	22.4	XBUCK RURAL	22.4
15	82.19	MILLER ST.-LEWISTOWN	FERGUS	1	4767	CM ST P&P	20.8	XBUCK URBAN	20.8
2	322.00	MAIN ST BOZEMAN	GALLATIN	1	8679	CM ST P&P	17.1	NONE	18.8
381	.03	AT BEGINNING OF ROUTE	MUSSELSHELL	2	87	CM ST P&P	18.8	XBUCK V<500	18.8
40	.06	0.1 MI. N OF FA RTE 10	CASCADE	1	8634	CM ST P&P	16.2	XBUCK URBAN	16.2
40	.09	3RD. ST. NW GREAT FALLS	CASCADE	1	8634	CM ST P&P	15.3	XBUCK URBAN	15.3
289	28.07	AT GREENWOOD	GALLATIN	2	483	CM ST P&P	14.5	XBUCK V<500	14.5
288	1.40	MILE 1.4 ON ROUTE	GALLATIN	2	476	CM ST P&P	14.0	XBUCK V<500	14.0
3	286.91	3.3 MI. W OF GREAT FALLS	CASCADE	2	3320	CM ST P&P	69.6	FLSH LGHT R	13.9
24	.10	NEAR JCT. RTE 2 AND 24	MISSOULA	1	2570	CM ST P&P	13.6	XBUCK URBAN	13.6
228	21.55	SW OF HIGHWOOD	CHOTEAU	2	200	CM ST P&P	13.6	XBUCK V<500	13.6
288	1.20	MILE 1.2 ON ROUTE	GALLATIN	2	476	CM ST P&P	13.5	XBUCK V<500	13.5
53	45.95	AT LAVINA	GOLDEN VALLEY	1	1031	CM ST P&P	67.2	FLSH LGHT U	13.4
321	.50	AT PLEVNA	FALLON	1	537	CM ST P&P	39.6	WIGWAGS	13.4
347	1.50	MILE 1.5 ON ROUTE	GALLATIN	2	370	CM ST P&P	13.0	XBUCK V<500	13.0
533	9.75	MILE 9.75 ON ROUTE	MISSOULA	2	76	CM ST P&P	12.8	XBUCK V<500	12.8
345	3.00	MILE 3.0 ON ROUTE	GALLATIN	2	221	CM ST P&P	12.0	XBUCK V<500	12.0
458	3.50	MILE 3.5 ON ROUTE	GALLATIN	2	275	CM ST P&P	12.0	XBUCK V<500	12.0
466	.07	AT BEGINNING OF ROUTE	FERGUS	2	197	CM ST P&P	11.2	XBUCK V<500	11.2
18	.40	N. 7TH. STREET-MILES CITY	CUSTER	1	3156	CM ST P&P	52.8	FLSH LGHT U	10.5
293	2.00	1. MILE N OF BOZEMAN	GALLATIN	2	1593	CM ST P&P	10.5	XBUCK RURAL	10.5
263	2.50	2.5 MI ON ROUTE	MISSOULA	2	503	CM ST P&P	48.0	FLSH LGHT R	9.6
237	2.00	AT MILE 2.0 ON ROUTE	FERGUS	2	108	CM ST P&P	9.3	XBUCK V<500	9.3
505	8.00	1.2 MILE W OF HANOVER	FERGUS	2	108	CM ST P&P	9.3	XBUCK V<500	9.3
291	7.40	AT BELGRADE	GALLATIN	2	586	CM ST P&P	9.0	XBUCK RURAL	9.0
43	1.35	1.5 MI. N OF LEWISTOWN	FERGUS	2	1731	CM ST P&P	43.4	FLSH LGHT R	8.6
310	43.30	AT MUSSELSHELL	MUSSELSHELL	2	175	CM ST P&P	41.0	FLSH LGHT R	8.2
10	113.15	15 ST 11 AVE GREAT FALLS	CASCADE	1	5390	CM ST P&P	40.5	FLSH LGHT U	8.1
263	10.00	10.0 MI ON ROUTE	MISSOULA	2	223	CM ST P&P	38.0	FLSH LGHT R	7.6
230	51.15	AT ARROW CREEK	JUDITH BASIN	2	134	CM ST P&P	7.5	XBUCK V<500	7.5

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
253	.23	AT TERRY	PRAIRIE	2	268	CM ST P&P	36.0	FLSH LGHT R	7.2
401	8.10	MILE 8.0 ON ROUTE	JEFFERSON	2	494	CM ST P&P	36.0	FLSH LGHT R	7.2
440	.10	AT BUTTE CITY LIMITS	SILVER BOW	1	2203	CM ST P&P	59.2	GATES URBAN	6.5
359	2.00	S OF CARDWELL	MADISON	2	220	CM ST P&P	30.0	FLSH LGHT R	6.0
505	6.80	AT HANOVER	FERGUS	1	71	CM ST P&P	6.0	XBUCK V<500	6.0
520	.20	MILE 0.2 ON ROUTE	MINERAL	2	30	CM ST P&P	9.4	STOP V<500	5.4
27	35.50	MAIN ST. BAKER	FALLON	1	2272	CM ST P&P	44.8	GATES URBAN	4.9
521	1.10	AT GREAT FALLS	CASCADE	1	4062	CM ST P&P	24.8	FLSH LGHT U	4.9
296	2.99	AT TWO DOT	WHEATLAND	1	178	CM ST P&P	42.4	GATES URBAN	4.6
460	.40	AT GOLD CREEK	POWELL	1	115	CM ST P&P	23.4	FLSH LGHT U	4.6
15	81.48	9TH ST. LEWISTOWN	FERGUS	1	4906	CM ST P&P	20.8	FLSH LGHT U	4.1
507	20.20	MILE 20.2 ON ROUTE	MINERAL	2	230	CM ST P&P	34.0	GATES RURAL	3.7
393	3.50	MILE 3.5 ON ROUTE	SILVER BOW	2	131	CM ST P&P	16.2	FLSH LGHT R	3.2
294	26.93	AT MARTINSDALE	MEAGHER	2	95	CM ST P&P	15.6	FLSH LGHT R	3.1
10	113.15	14 ST 11 AVE GREAT FALLS	CASCADE	1	5360	CM ST P&P	14.4	FLSH LGHT U	2.8
24	.85	N. OF BONNER	MISSOULA	1	2570	CM ST P&P	14.4	FLSH LGHT U	2.8
294	8.00	2.0 MILE E OF LOWETH	MEAGHER	2	70	CM ST P&P	12.0	FLSH LGHT R	2.4
320	5.90	AT ISMAY	CUSTER	2	80	CM ST P&P	12.0	FLSH LGHT R	2.4
446	1.30	AT CARTERSVILLE	ROSEBUD	2	137	CM ST P&P	21.6	GATES RURAL	2.3
16	53.80	2.6 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	40.8	XBUCK RURAL	40.8
16	53.95	2.4 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	40.8	XBUCK RURAL	40.8
418	.02	AT BEGINNING OF ROUTE	BIG HORN	2	264	CB & Q	35.0	XBUCK V<500	35.0
48	6.85	7.1 MI N OF HARDIN	BIG HORN	2	429	CB & Q	27.0	XBUCK V<500	27.0
48	10.32	10.7 MI N OF HARDIN	BIG HORN	2	284	CB & Q	25.5	XBUCK V<500	25.5
16	56.08	0.5 MI. E OF HARDIN	BIG HORN	2	2637	CB & Q	14.4	XBUCK RURAL	14.4
313	65.00	AT HARDIN	BIG HORN	2	848	CB & Q	32.4	FLSH LGHT R	6.4
463	.10	AT LODGE GRASS	BIG HORN	1	351	CB & Q	29.0	FLSH LGHT U	5.8
522	1.80	MILE 1.8 ON ROUTE	YELLOWSTONE	2	324	CB & Q	34.0	GATES RURAL	3.7
46	77.03	AT DIVIDE	SILVER BOW	2	344	UNION PAC	46.0	FLSH LGHT R	9.2
509	.20	AT MONIDA	BEAVERHEAD	1	102	UNION PAC	10.2	FLSH LGHT U	2.0
2	227.10	UTAH ST. BUTTE	SILVER BOW	1	9694	BA & P	148.5	XBUCK URBAN	148.5
403	.70	MILE 0.7 ON ROUTE	SILVER BOW	1	3345	BA & P	60.8	XBUCK URBAN	60.8
2	225.30	MONTANA ST. BUTTE	SILVER BOW	1	11836	BA & P	162.0	FLSH LGHT U	32.4
19	7.80	PARK AVE.-ANACONDA	DEER LODGE	1	4169	BA & P	140.0	GATES URBAN	15.4
19	7.80	COMMERCIAL AVE. ANACONDA	DEER LODGE	1	1960	BA & P	115.5	GATES URBAN	12.7
441	2.20	E OF GREGSON	SILVER BOW	2	136	BA & P	8.1	XBUCK V<500	8.1

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FA RTE NO.	MILE-POST	LOCATION	COUNTY	U/R	ADT	RAILROAD	HAZ IND	EXISTING PROTECTION	ADJ HAZ IND
441	3.00	W OF GREGSON	SILVER BOW	2	100	BA & P	5.8	XBUCK V<500	5.8
274	1.00	MILE 1.0 ON ROUTE	DEER LODGE	2	425	BA & P	25.0	FLSH LGHT R	5.0
276	.70	AT BUTTE	SILVER BOW	1	3176	BA & P	32.0	GATES URBAN	3.5
30	24.10	MAIN ST.-WESTBY	SHERIDAN	1	570	SOO LINE	50.4	XBUCK URBAN	50.4
374	6.42	AT OUTLOOK	SHERIDAN	1	141	SOO LINE	21.6	XBUCK V<500	21.6
511	6.45	AT WHITETAIL	DANIELS	1	220	SOO LINE	14.0	XBUCK V<500	14.0
256	7.16	AT RAYMOND	SHERIDAN	2	248	SOO LINE	12.5	XBUCK V<500	12.5
21	50.38	2.5 MI. N OF CONRAD	PONDERA	2	2257	MT. WSTRN	22.4	XBUCK RURAL	22.4
216	14.45	AT VALIER	PONDERA	2	783	MT. WSTRN	18.0	XBUCK RURAL	18.0
358	.20	AT VALIER	PONDERA	1	377	MT. WSTRN	13.0	XBUCK URBAN	13.0
11	117.72	JCT. RTES. 11-14	MEAGHER	2	805	WSS & YP	15.6	XBUCK RURAL	15.6
360	.23	AT WHITE SULPHUR SPRINGS	MEAGHER	1	696	WSS & YP	14.4	XBUCK URBAN	14.4
11	105.50	0.5 MI. N OF RINGLING	MEAGHER	2	290	WSS & YP	12.5	XBUCK V<500	12.5
294	1.80	1.8 MILE ON ROUTE	MEAGHER	2	86	WSS & YP	5.2	XBUCK V<500	5.2

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